

*Epheemerides*  
*Merlinus Gallicus* : 1717  
O R,  
**A PREDICTION**

For the Year of Grace, 1660.

Representing the state and condition of all sorts of  
Persons in *EUROPE*, from the Crown  
to the Clown.

Deduced from the Configurations of the Lumi-  
naries, Conjunctions and Aspects of the Planets,  
after a more certain manner then practi-  
sed by English Artists.

Together with the **NATIVITY**  
**Of the Illustrious King of Denmark :**  
Proving it impossible (by the Canons of Astrology) for  
him to lose his Kingdom, or for the *Swede* to become  
Lord thereof, wherein *Merlinus Anglicus* may see his Error.  
Also a Question and Answer in Astrology, whether  
*Copenhagen* shall be taken or no: With many other  
things of profitable Consequence.

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By Monsieur *Fr. Missonne Philastrognus*.

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To which is added, An Everlasting Almanack; With an  
easie way to Erect a Figure, and give Judgement of the Weather,  
and Tables of Houses fitted for several Latitudes.

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London, Printed by T. F. for *Fr. Cossinet*, and sold at his Shop at the  
Anchor and Mariner in Tower-street, with other Books of Art;  
As, Arithmetick, Geometry, Trigonometry, Navigation, 1659  
Octob: Astronomy, and Astrology. 1660. Octob: 10.

*An admirable Everlasting Almanack, invented by  
that able Mathematician M.D.*

Marc 1	Augu 6	May 3	Oct 8	April 2	Sep 7	June 4
Nou 9	○	Ian 11	○	Iuly 5	Dec 10	Feb 12
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	○	○	○	○

*The Contents of the Almanack.*

**I**N the first place, know that the two uppermost Columns are the twelve Moneths, March is the first, April the second, and so on, and February is the last moneth. The second thing you are to know, is, that the 31 Figures under the Moneths, are the days of every moneth. In the 3<sup>rd</sup> place, to know what day of the week the first day of March begins every year: As this year 1659 it began on a tuesday, the year 1660 it begins on a wednesday, so that the days of every moneth under the moneths are tuesdays or wednesdays, according as the first of March is of. *As for Example:* In the year 1659. the first of March is upon a tuesday, and under March and November you will find 1, 8, 15, 22, 29 which days in both moneths fall on tuesdays, so that if the first day is tuesday, the second is wednesday, and so on to the moneths end.

*Another Example.* In the year of our Lord 1660, the first of March falls on a wednesday, and you will finde the same Figures to be under March and November, which are all wednesdays, and so by the former Examples you may know the perfect use of this perpetual Almanack.



To



**To the Candid Reader.**

**S**ince Transmarine Faiths are made domestique with us, I may the more boldly plead for the Naturalizing of this foreign Fancy. It may appear strange at first to some, that a French man should undertake to act the part of a Merlyn upon the English Stage! yet surely none but prejudicate persons will deem a French Monsieur more monstrous, than an English Mouniebanck. If the Rags of Ignorance in a home-bred Quack be esteemed divine and oraculous, certainly he that utters Sun-like-tissue-truths, may expect (in reason) the same, if not better quarter.

I could have flattered like others, and rayl'd against the King of Spain, as Lilly against the Duke of Brandenburg, and King of Denmark, but alas! what art should I have skewn in that? Or how should I have advantaged the French or English thereby? I am to act the part of an Astrologer, not an Asyrologer; of an Artist, not an Ideot; my Embassage I fetch from Heaven, not from Billingsgate. What have I to do with the Religion of Princes? or the prophaneity of Peasants? What is it to me whether Richard [formerly] L. P. stoop, or stand upright? or whether Lilly write like an Artist, or an Ass? let me follow my text, and keep to Astrology.

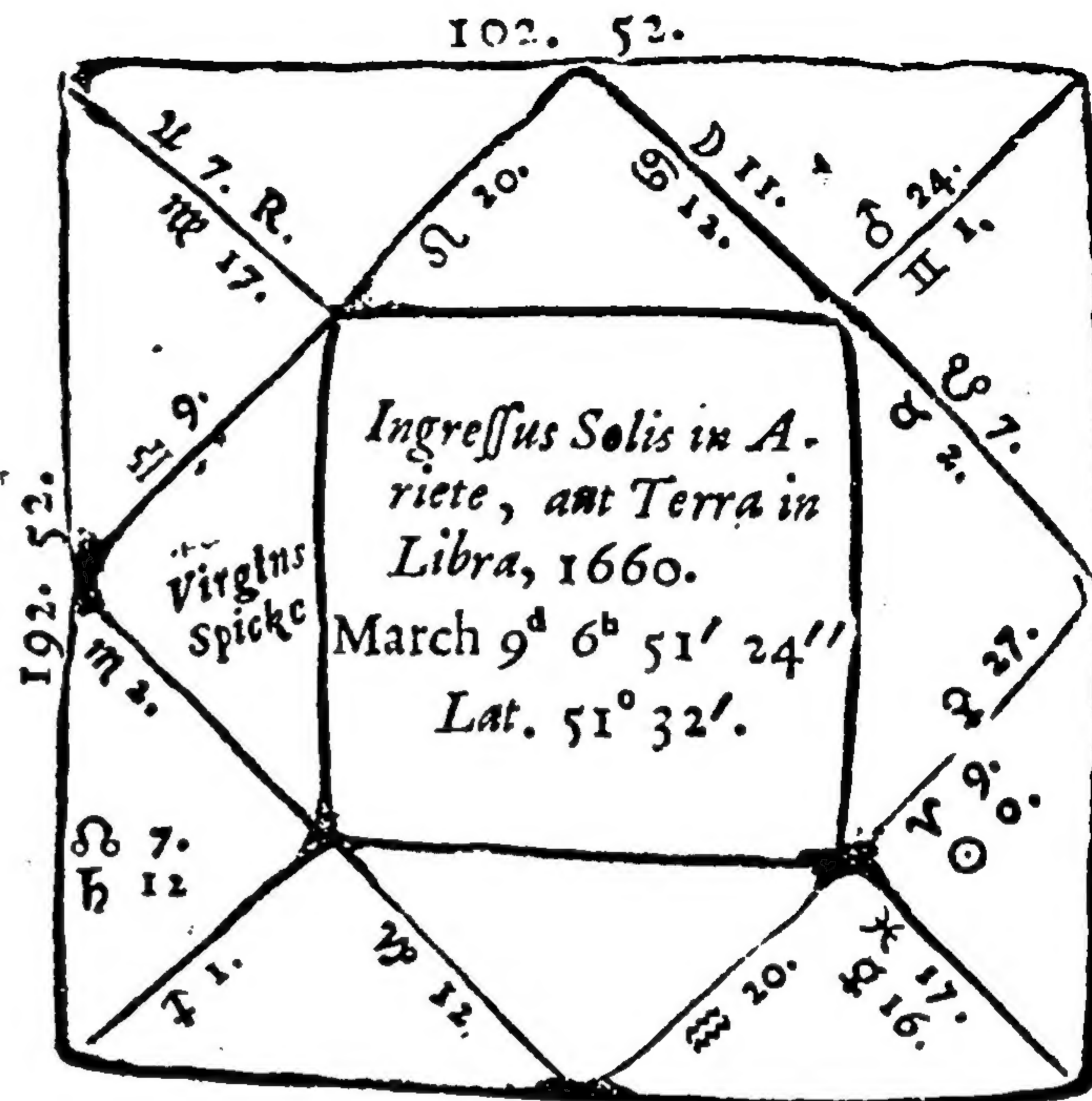
If, in the ensuing Discourse, I hap to mention any of the English Quacks, 'tis more for pleasure than prejudice. I can rather smile at their folly (and their favorers credulity) then imacerate my brains about them; Quis enim phrenetico Medicus irascitur? Who ever knew a Physician angry with a freni:que

## To the Candid Reader.

frenetique fellow. 'Tis the great trouble of an ingenious Minde, to kick at what it contemns.

I would not have the manner of my appearing, anticipate the Readers expectations; for the Penny hath the Kings stamp as well as the Shilling, and the silver thereof may be as good. 'Twas want of time, neither will, nor ability, that caused me to confine myself to so small a room this year; However, I forbid any Eraſtian or Lillyan λογίας, to enter into judgement with, either my ſcantling or my matter, leſt I throw the Greek Adage at him (which he may not underſtand) Παῖν μωμίας-θαι ἢ μιμήσθαι. 'Tis eaſier to Carp, then to Copy; and an ignorant Animal may ſooner mouth at me, then mend me. If this finde Acceptance with the Ingenious, next year I may (God permitting) ſalute thee after a more formal manner; in the interim (Ingenious Readers) I kiſs your hands, and bid you farewell.

## An Aſtral Prediction on the State of the Year 1660.



An

**I**T was the complaint of a learned man, and good Artist, *Olim literæ ob homines in precio nunc forſent ob homines*, That Learning (formerly) was graced by the endeavors of excellent Schollars, but now noble Studies are abused and eſcandalized by Illiterate Scriblers. The Astrology of the Hebrews (ſaith our learned Countryman J. Gaſſel) had not as yet loſt any of its luſtre, ſo long as it was practiſed by thoſe of their own Nation onely, but ſo ſoon as the more Northern Nations began to have any knowledge therein, they preſently fell to venting ſuch ſtrange, wilde fancies, and to increaſe the number of Fables

## Predictions on the Year 1660.

bles in such sort, as that it is no marvel that the Science hath been so much cried down. And to continue this practise of Imposturism, have we not those among us now that pretend highly to Astrology, but are not read beyond the *Sybils*, and that Imposture *Merlin*, and Mother *Shiptons* Prophecies? That mix all the vanities and villanies in the world therewith, and make Astrology father those Bastard-brats that *Quackism* produces? But, *Cynthia Aurem vellet*. Let me proceed to my Astrological Predictions, upon the Inrat of the Sun into the Vernal Equinoctial point *Aries*, according to the Figure before-going.

Cardinal Signs possessing the Angles of the Figure, shew the Actions of this Year to be the more eminent and remarkable; Great Designs in contrivance all the world over, the common man thrives the best, the Kings of the earth and great Persons are in their cadency. That I may be the better understood, and give the fuller and freer satisfaction to the Learned and Ingenious, hear the judgement of the Learned *Haly*, — *Et si D fuerit firma, id est, in angulo, vel in succedenti, & in dignitatibus suis, & similiter applicuerit planeta firmo & potenti & dignitatibus, significat quod populus in illo anno erit in bono statu, & mutabitur de bono in bonum, & de una abundantia in aliam, & de lucris in lucra.* (i. e.) If in the Revolution of the world the Moon (which is the Significatrix of the vulgar sort of people) shall be firm and strong, viz. either in an Angle or House succedent, and there essentially dignified, applying to a Planet strong and powerful in his Dignities, it denotes the estate of the people in that year to be good and prosperous, and their conditions shall be changed from one degree of happiness unto another, from one abundance to another, and from gain to gain.

To

## Predictions on the Year 1660.

To confirm this further, the same Author saith, *Si quando Saturni fuerit in secunda domo — significat bonum statum, & lucra in Magesteriis, & laborationibus, &c.* Saturn in the second House, portends the condition of the common man to be good and gainful, and that he shall thrive by his labors and profession. And this he is the more probable to do now, because *Saturn* is there in conjunction of the *Dragons-head*, and in Trine of the *Moon*, who is indeed Lady of the year. People therefore shall not need to complain of bad trading so much as formerly, their conditions in a great measure will be bettered, and that the more eminent, because the *Moon* is posited upon the tenth House: Of which Position *Haly* says, — *Significat quod populus dabit se multum illo anno operibus manuum suarum.* This may serve for the first part of my Assertion, viz. The common man thrives the best. I come to the second, viz. The Kings of the earth, and great Persons are in their Cadency.

The *Sun* (the general Significator of Kings, Emperors, great Persons, &c.) is posited in the sixth House of the Heavens, a cadent obscure place, that hath no correspondency with the Ascendant at all. The learned *Bethem* says *Cent. Aphor. 3. Cadens vero est quasi mortuus, cui non est motus.* A Planet being cadent, is as a man dead, and hath no manner of motion. Look to it, O ye Kings of the earth, your Glory will fall and fail; you that delight to make Excursions and Invasions upon the Territories of others, where you have nothing to do! The *Sun* is ashamed to behold your Actions; he falls Cadent himself, to become the more powerful Prodromus of your Catastrophes! The *Sun* is posited in the sixth House, hear what *Haly* says to such a Position, — *At si quando fuerit in sexta, habebit Rex illo anno tristitias & infirmitates, &c.* If when the *Sun* shall be posited in the sixth

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### Predictions on the Year 1660.

House, he portends in that year many infirmities, griefs, and dolours to happen to Kings and eminent Persons. And this will be the more notorious, in that he is posited there, in (Platique) Quartile of the Moon, Lady of the year. *Bonatus* says, That the Dragons-head in *Scorpio*, significat malum ac tristitiam in magnatibus, & significat bella & guerres, & vulnera, multiplicationem fornicationem cum deceptione, &c. That it portends evils and sorrows to Nobles and great Persons, and among them wars, strifes, and wounds, and a multiplication of their fornications and deceits; which in all likelihood will happen unto them now, *Venus* being in the House of *Mars*, and in that Angle of the Heavens that represents such actions and things, *Guido* Fol. 590. Part 4.

Yet again hear *Haly*, — *At si Sol fuerit debilis & infortunatus, debilitabitur Rex vilipendentur Divites & Nobiles, & insurgent servi & viles homines contra Reges & Nobiles.* If the Sun shall be weak and infortunate (he is so here, for he is nearly in square of *Mars*, his Disposer, as well as *Luna*) it declares Kings, Nobles, Great, Rich, and Powerful Persons to be evilly spoken of, and that the baser and viler, and most obscure and servile sort of persons shall rise up against them. God preserve *England* and *France* from such *Massaniellian* Rascals, and that is as much as I care for.

To conclude this Argument, — *At si Sol fuerit debilis & in malo loco, minuitur valor Regum, & decrescunt status eorum, & gravitates multe ex parte Regum & dominorum suorum.* The Sun weak, and in evil place of the Figure, denotes an abatement of the Estimation, Renown and Honor of Kings and great Persons; threatens the decreasing of their Glory and Greatness, and that they shall be plagued with a malefique and stubborn people; The Commonalty

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monalty shall also suffer much prejudice, which shall happen unto them from the part of their Kings, Governors, or Landlords. *Vide Haly, Pars 8. Cap. 6.* From what hath been said (although in Policy it be true, that Kings and Subjects are reciprocal, and one cannot be wounded, but the other must mourn; yet) it notably results, that Kings, Governors, &c. [comparatively] shall suffer more then the vulgar common man. And this shall serve for the general Judgement of persons. I come next to the Consideration of particular places and persons therein, as I am authorized by the Learned *Guido*, Fol. 528. in these words: — *Cui Clima praesit quilibet Planeta, & scire esse illius quoniam accidentia universalis Clima erunt, secundum quod fuerit esse Planeta qui praesit ei, &c.* Consider, or have regard to the Planet that shall preside over, or govern each Climate, and observe in what state he stands; for the general Accidents of that Climate shall be suitable to his Existence, &c. According to the purport and true meaning of this Aphorism, I shall give my Astrological Conjectures of the Condition of those several places following for the Year ensuing.

### GERMANY.

The Valiant Emperor (though young) is high and lofty in his Actions and Results; the world trembles to admire his Attempts, yet goes he on with moderation; he is not afraid of the *Turk*, *Swede*, or *Transilvanian*; he contemns their Treachery and private Plots against him. His Forces are active, they recover some eminent place, or places, from some rebellious Possessors.

*The Horned Moon can't pierce the Eagles Head;  
For Sol's Designs are soon discovered.*

ITA.

## Predictions on the Year 1660.

### I T A L Y.

If (as the Learned *Argol* saith, *Fol. 82. Tom. 1.*) *Italy* be under the Sign *Leo*, and her chief City also, she must expect a treacherous year of this; store of enemies, the Papal power in danger of much prejudice, though not a total *Catastrophe* or Subversion. Many confusions among them, the *Austrian* Sign ascends, the Sun goes down. Some Army or Armies are providing to be imployed against thee. Be wise in time; make peace with a spare, pale-faced, black-hair'd Enemy, lest thy Territories suffer an Invasion to thy most irreparable damage.

### S P A I N.

Thy own Ascendant is thy Kings also, and *Mars* is in opposition to you both; and upon the opposite place of the Moon in his Nativity, *ad Gradum*. *Jupiter* thy Significator is in Detriment, and Retrograde in opposition to his Dispositor. From *Gemini*, *Capricorn*, and *Pisces* thy Evils chiefly come. Make sure Articles with *Portugal*, and conclude a sound peace with *France* and *England*, and be happy. Consent not to trust the Hollander upon any pretence, thou knowest him to be treacherous and deceitful. That Proverb is as true and certain, as ancient, — *Once a Knave, and ever so*.

### V E N I C E.

Thy Dukedom may flourish, and thy happiness much increase; thy Victories shall be multiplied over thy Enemies.

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mies. Thou art much envied, but they that do it, will suffer what they wish to thee, and worse. Fear not the *Ottomon* Family, thy Ascendant is *in culmine Cæli*, and the *Moon* Lady thereof, is there also. The Heavens assist thy Undertakings, and thy Merchants nobly thrive.

### F R A N C E.

The presence of *Jupiter* does thee much good, but not so much as if he were in better dignity. Thy King will be sickly: *Saturn* is come to his Ascendant, and unless he marries speedily, the Match between him and the Spanish *Infanta*, comes to nothing. Thy Significator is in Detriment, stir not out upon design, either to defend, assist, or offend any now. Be careful to prevent Insurrections at home; make use of thy Advantage toward the middle of the year, and be happy. Thy Clergy may be apt to insult over the Secular Power; If thy King advance his Crown against the Crosier, the Giddy Zealots of the Church will soon submit, otherwise they grow insupportable in their Actions.

### I R E L A N D.

Poor *Ireland*, my soul mourns for thee; the effects of the Suns Eclips in *Scorpio* upon the fourth of *November* last, now begins to lay hold on thee. It presageth much confusion and contradiction among the Councils of the Great Ones of thy Nation. The death of many thousands of thy people; A famine rarely escapes thee: Wars and rumors of Wars are a great part of thy portion. I shall heartily pray that God of his mercy would protect thee

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from the like Visitation thou underwentst in 1646. *quod Deus avertat.*

**S W E D E N.**

Thy King mourns under a most malicious fate ; he hath the M. C. to the body of *Saturn* now in earnest, as *Merlinus Verax* friendly forewarn'd him of a year since. He now begins to see himself a man, and not a Lyon Rampart of the North, as a ridiculous Parasite of this Nation flattered him with the belief of. He is sensible of his grasping too much, and in a repentant humour leaves the Danish Territories, or is driven out ; Heavens blefs him from captivity, and by consequence from death. He is sorely menaced, and were he not a Friend to the English and French, I should speak more.

**H O L L A N D, &c.**

Noble Sea-men ! This year the Heavens court you with a million of Happineses. You are the Traders of the world, behave your selves but nobly now, and you unite the hearts of many Nations to you for ever. The Spaniard, 'tis true, is jealous of you, and well he may, you once apostatized from him. Let your Actions discourse him into a better opinion of you. The Moon is in *Cancer*, upon the very heart of Heaven ; your Greatness and Renown is not yet come to its *vertex* ; you have half a Quadrant to climb higher yet, maugre the malice of your most professed Enemies.



SCOT-

*Predictions on the Year 1660.*

**S C O T L A N D.**

The Heavens seem to smile upon thee ; thou flourishest with a good Trade, and many noble Edifices, and new Buildings ; thy Glory and Happiness is increasing. The Crab of thy Misfortunes is now turn'd backward : Surfeit not on blessings ; Let not plenty prove a snare ; Improve thy Talent wisely. Keep peace at home, and cherish no Domestique Differences, let them belong either to Church or State, and then (although thy name [*σκότος*] portends Blackness, Misery, and Terror) thy Fame shall be most splendid.

**E N G L A N D.**

*Thy Sign is setting, thou art like to be  
Gaz'd on by others, as some Prodigie.*

And this the rather, because *Mars* is in *Londons* Sign, viz. *Gemini*, where he hath been transiting near seven moneths up and down. A dire Cup is providing for thee, *Mercury* is in *Piscibus*, his detriment and fall, upon the sixth House ; thy youth and young men die apace ; thy Peace is disturbed by discontented sons of thy own : *Mars* squares *Mercury*, portending—*Inter homines, deceptiones & falsitates multe, & tradent se aliqui Phisica & Magisteriis, & accident interfectiones & furta & pradaones.* *Mars* being in square of the *Sun*, bids *London* beware of fire ; and he being cadent in the Figure, denotes the more dangers to happen to this Noble City. Hear *Haly* what he sayes, —*Pejor & magis fraudulenta, & falsa significatio Martis est, si quando fuerit introitu Solis in Arietem cadens ab Anglis,*

## Predictions on the Year 1660.

*lis, &c.* When such a Configuration happens (saith he) *significat destructionem villarum per interfectiones, captivaciones; predationes, collectas, & delicta: Maxime si fuerit in revolutione anni in Geminis, &c. — quia significat quod erunt multe interfectiones, & quod multi homines suspendentur.* From all which evils, good Lord deliver the English Nation.

### Of the dearness or cheapness of Commodities.

So I descend from the particulars relating to Nations, and come to the several parts of things useful for Nations.

1. The part of *Wheat* is taken from *Sol* to *Mars*, and projected from the Ascendant, is in 3<sup>d</sup> of *Capricorn*, *Saturn* Lord thereof being well beheld of the *Moon*, and in conjunction of the *Dragons-head*, is a good Argument that *Wheat* shall bear a moderate price all this year, but not be over-cheap, which may be occasioned by a wet Summer likely to ensue.

2. The part of *Barley* is taken from *Luna* to *Jupiter*, and projected as aforesaid, and happens in 13<sup>d</sup> of *Jupiter* being Lord thereof, shews that it shall (*secundum quid*) bear a like price with *Wheat*.

3. The part of *Lentils* is obtained by subtracting the place of *Mars* from the place of *Saturn*: it falls in 27<sup>d</sup> of *Aquarius*, Ergo its price will be of indifferent rate.

4. The part of *Beans, Onions, &c.* is found by subtracting the place of *Saturn* from the place of *Mars, &c.* It happens in 21<sup>d</sup> of *Gemini*, near the body of *Mars*, *Mercury* Lord thereof is very weak, therefore they shall be of low price.

5. The part of *Honey* is taken from *Luna* to *Sol*, so projected as aforesaid, — And it falls near the place of the part

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part of *Wheat*, and proportionably will bear a like rate therewith.

6. The part of *Sugar* is taken from *Mercury* to *Venus, &c.* and happens in *Scorpio*, near the body of *Saturn*, it will therefore be all this year of cheap price.

7. The part of *Rye* and *Saffron* is taken from *Mercury* to *Saturn, &c.* and falls in 5<sup>d</sup> of *Gemini*, near the *Bulls-eyes*, *Mercury* Lord thereof being weak, denotes them to be of poor price.

8. The part of *Wine* is taken from *Saturn* to *Venus, &c.* and falls in *Pisces* 24<sup>d</sup> thereof, *Jupiter* Lord of that Sign is in Detriment and Retrograde. Ergo Wine (if Vintners would be honest) might be drank this year at a reasonable rate. Thus much may serve for the several parts of Commodities necessary, and perhaps they will hardly be made use of (notwithstanding this my pains) by some, that most need such directions.

It may be expected that I should have spoken something touching Countrey affairs, and of Merchants, Sea-men, Lawyers, Physicians, and the condition of most Professions; which I should have done, but that my time is as narrow as my room, if not more narrow: However, Courteous Reader, if this my short Adventure finde but from thee a candid Acceptance this year, thou wilt much encourage me in my future Attempts, so far perhaps as that I may present thee with an Ephemeris in form next year, with all things necessary thereunto, for Court, Countrey, Camp, and City, and for persons of all conditions; in the mean while, *Aequanimis expecta, sedulus observa, tardus judica.*

Rest

# Predictions on the Year 1660.

## Ἐπίλογος.

**R**est here, my Muse, take breath a while, and then  
 Thou mayst the better reassume thy Pen.  
 Let Presbyterians prosecute the way,  
 In which the Hypocrite doth Saint-like pray.  
 Let Times by-changlings act their parts a while,  
 Yet sit thou still, and at their follies smile.  
 If at this time thou'dst written any more,  
 Thou must have run (like Bankrupts) on the score.  
 And hadst thou proved (with a texted Pen)  
 Divines and Lawyers (both) prodigious men,  
 And dipt thy Quill in Scorpions Blood, to rage  
 At Mountebanks [the Plague-sores of this Age]  
 Or like to Withers, jerks the world so sore,  
 That as a Bull it should run mad therefore,  
 Thou hadst more spirits rais'd in every town,  
 Then Doctor Lamb could ere have conjur'd down.  
 Lo, then the Pulpit with my Book had rung,  
 By those w' had bin by my Presiges stung.  
 The Presbyter even at his Sermons close,  
 To quarrel at me, had disgrac'd his Nose.  
 The Inns of Court, and of the Chancery,  
 Had bar'd me out of Law and Equity.  
 The Courtier, Cobler, and the Country-man,  
 Religion had made it, for to ban  
 My Book and Me; nay the whole Common-weal  
 In (Ζῆλος μικρὸς, that is,) Bitter Zeal,  
 Even Hornets-like, had humd about my ears:  
 But to prevent both howlings, taunts, and jeers,  
 And shew my self to every one a friend,  
 (While things are well) I here will make

A N E N D.

## Γένεσις Βασιλική:

O R,

The Nativity of *FREDERICK*, the present  
 Magnanimous King of *Denmark*, Calculated  
 and Judged, from the best Grounds Astro-  
 nomical and Astrological.

**T**His Illustrious (though in some things of late unfor-  
 tunate) Prince, was born in the Year of our Lord  
 God, 1609. on *March* the 18, 4<sup>h</sup> A. M. as is nota-  
 bly verified by the Sun, & the Mid-heavens *occurre ad Corp.*  
*Martis per directionem*, which in truth was the Grand Rea-  
 son of his being involved into so many Difficulties, Pertur-  
 bations, Straights, Troubles and Invasions, and what not?  
 with the present King of *Sweden*, this last year (and more)  
 past; Of which more in its proper place.

To the time given, and corrected, I shall Calculate from  
 those Tables built upon the Hypothesis of the famous  
 French-man *Ishmael Bullialdus*, which by the Learned Ma-  
 thematicians of *Europe*, are esteemed nothing inferior to  
 the *Rudolphine*, published by *Kepler*: I shall take this pains  
 of Calculation the rather, to let you understand, I do not  
 (like your English *Merlin*) build my Judgements upon a  
 sandy foundation, which [he] for want of judgement in  
 Astronomy, is necessitated to do.

1. For the Suns place.

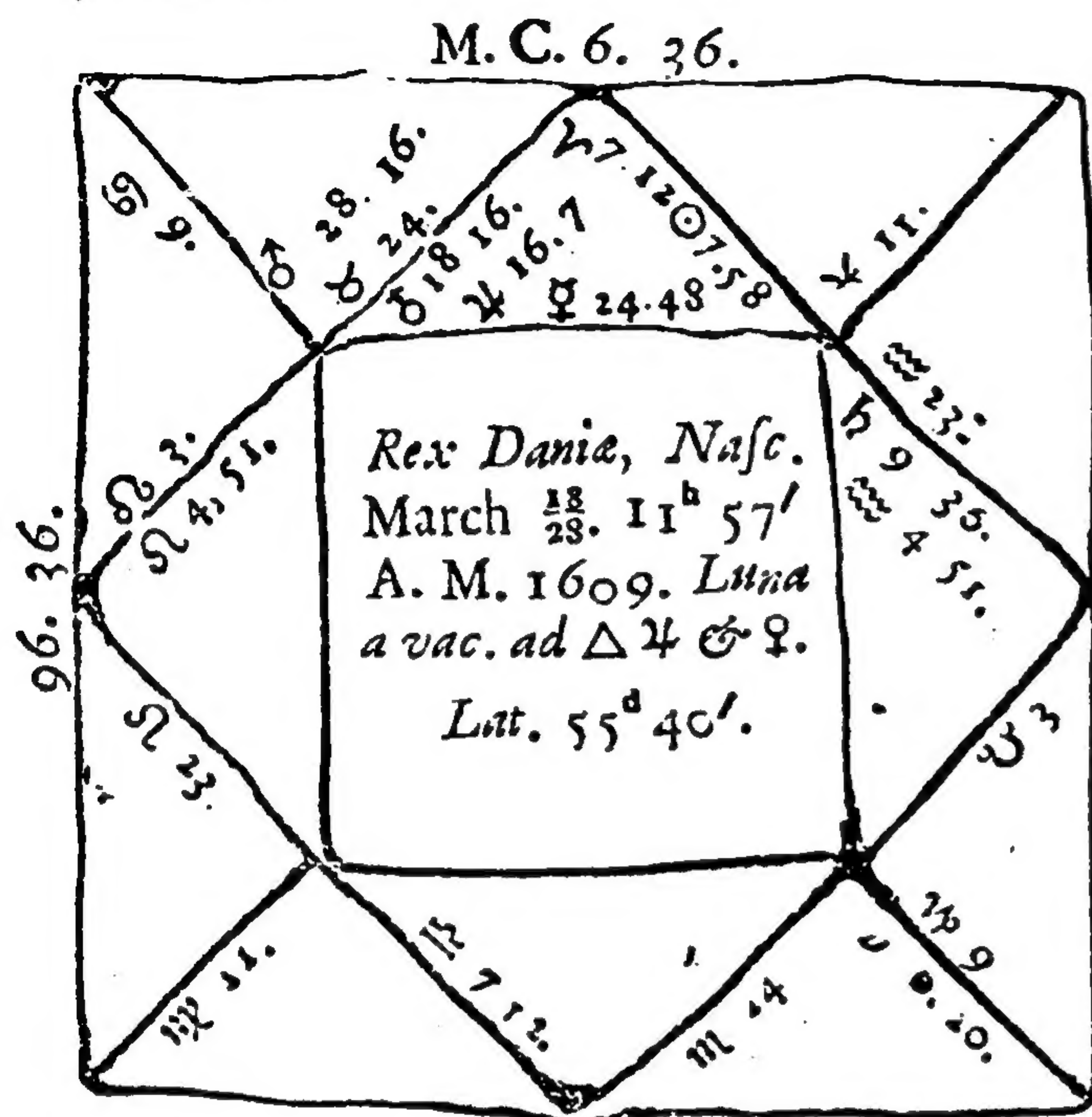
	s.	d.	'	"	s.	d.	'	"
Long.	0	5	55	14	3	5	43	13
Aphe.	3	5	43	13				
Anom.	9	0	12	1				
Equ. add		2	2	38				
Suns place	0	7	57	52				

B

I think

## The King of Denmark's Nativity calculated.

I think needless to adde the Calculation of the other Planers, to fill the paper to no purpose. The Figure of the Nativity follows.



The Circles of Position of Luna and Pars Fortuna taken.

	d.	m.		d.	m.
Luna Long. $\gamma$ 6	20		Pars Fort. Long. $\delta$ 3	13	
Lat 2	24 north		Declin. 12	38 for sup.	
Declin. 21	1 south, sub terra		Right Ascen. 30	59 (terra	
R. Asc. 276	47		Dist. from M. C. 24	23	
Dist. 90	11		Circle of Pos. 25	0	
Circle of Pos. 51	0		Obl. Ascen. 24	59	
Obliq Desc. 248	27				

The Sun's Circle of Position is needless to be taken, seeing he is so near the Angle of the Mid-heaven.

The

## The King of Denmark's Nativity calculated.

This is the Nativity of the Illustrious Prince *Frederick* King of *Denmark*, and it most notably suits his past and present Misfortunes, and his magnanimous, Kingly, and much to be admired behavior under them.

### Judicium Astrologicum.

At the time the King of *Sweden* (not like a Neighbour, though his Neighbour-Prince) invaded first his Territories, which was in the latter part of the year 1657. and beginning of 1658. this eminent Native labored under the dire Misfortune of the Sun (who in this Figure is posited upon the Cusp of the House of Honor) to the body of the cruel Planet *Mars*, Lord of the Mid-heaven; and as a most unfortunate Second, the Mid-heaven it self, in three quarters of a year after, comes to the body of the same Promittor. And that the Heavens might prove to this worthy Native (at large) he was but a man, and subject to their frownes, these two Directions before noted were concomitated with the ill effects that attended the Moon to the square of the Benign Planet *Jupiter*, and this from fixed Signs: Of the significations of which malicious directions, read the Learned *David Orig. de Effectib. fol. 746. Directio Solis ad corp. Martis.*—*Natumque inconstantem & varium, in consiliis, cogitationibus & actionibus designat, cui malefactorum causa labores & difficultates evenient. Inimici ejus super eum sese extolent, & cadet in odium regum & magnorum hominum, &c.* These words speak English very loudly in the Latine it self, I mean to this Eminent Natives experience, therefore I shall not English the words particularly here.

*Medii Caeli ad corp. Martis directio, Natum in maxima vita & fortunarum discrimina conicit. Irae namque potentiorum precipue Martialis concitat. — ac carceres nato minatur, incendia quoque & adustiones & miseras perimonia dissipat ones facit.*

Luna

## The King of Denmarks Nativity calculated.

*Luna ad ☐ Jupiter.* — *Minatur nato in dignitatibus quasdam difficultates, implicatq; eius animum arduis negotiis, &c.* All which Directions portend (in the general) many heavy and difficult undertakings, much affliction, misery, and trouble of minde; the rising of his Enemies up against him, his falling under the frowns, and into the fury of Princes, Kings, great Persons. and chiefly Martialists; loss of Honor, Renown, and Estate also, and great danger of Imprisonment; all which evils and infortunacies this Illustrious Person hath lately underwent (to the admiration of the world, and the great confirmation of Astrology, as well as his own highly to be lamented experience!) and without all doubt, had not the benevolent Planet *Jupiter* transited the Ascendant of this Kingly Native at the same time, and the Ascendant then also directed to the Trine of the *Moon*, these Directions would have spirt their fury with far greater force.

His Revolution this year was none of the best, which (although the sad effects of those Directions before-mentioned began to abate, yet) occasioned their bitterness to continue; but the next year he hath *Libra* (the Sign of Justice) Horoscopical in his Revolution, and *Venus* Lady thereof in *Taurus*, in Trine of the most fortunate Planet *Jupiter*, who is posited in the eleventh House of the Heavens, which revives his drooping hopes, and procures him friends apace, now he begins to have no need of them; he recovers his Cities, Castles, Towns, &c. that he of late was compelled and constrained to part with; for the fourth House of his Nativity is now ascending. Thus much may serve for a short Annotation upon this Princes Geniture, and his possibility of obtaining a better fortune, than of late he hath undergone. His future fate I meddle not with,  
for

## A Question in Astrology resolved.

for I expect not the bribe of a Gold Chain for my labor: My end hath been onely to shew the world, that it is a thing improbable in Art and Reason to conclude that Person shall lose his Kingdom (though under a crowd of mischievous Directions) that hath the Sun in the Mid-heaven of his Nativity, in Trine to the Ascendant, over which he is Dominator, as some contrary to all Astrological and Rational Principles, have ignorantly inculcated.

## A Question and Answer in Astrology, whether Copenhagen shall be taken or no.

A Person of worth upon June 13. 7<sup>h</sup> 3' P. M. 1659. proposed this Question, — Whether *Copenhagen* should be taken by the *Swedish* Forces, that had then besieged it very closely? The Figure any man (that is able) may set,

After I had seriously considered the Figure (which in short time I did, for I adudge Questions of this nature are not to be turned off, as your ordinary horary ones are commonly by your *London* Astrologers) I acquainted him, that that City would not be taken at this time by the *Swedish* Forces that had besieged the same, but in short time would be relieved. Upon my Answer, he replies to me, — That he had been with the notedst Astrologer in *London*, who gave him a different Judgement, and affirmed also, that it would be taken as in *November* last: And (said he) although it be true, he was mistaken in the time, yet he may not be in the thing. Unto which I returned, — That I knew nothing of that; but if his Noted Astrologer had said any thing contrary to Art (as it must be, if he had said so) I held it no point of Error or disingenuity to prescind from him.  
The

### A Question in Astrology resolved.

The Reasons in Art, of my Judgement, are these following; *Haly de Jud. Astror. part 2. fol. 103.* commands us in such Questions, (having first set the Figure)—*Datunc Ascendens querenti, & ejus dominum societati ejus, & septimam & ejus dominum civitati & ejus domino.* That we should then give the Ascendant to him that propounds the Question; and his Lord to the Army, or Persons that beleaguer the place of which the Question is propounded: The seventh House to signifie the City, (not the fourth, as some would have it) and his Lord the Governor thereof, or persons besieged therein. According to which Prescription—The Querent is signified by *Sagittary* the sign ascending; and the Swedish Forces by *Jupiter* Lord thereof, in the eighth House of the Figure, viz. the most malicious place of the whole heavens, as was notably inculcated by *Lud. Rig. Aphor. 35.*—*Nulla divisio circuli tam pessima, tamque crudelis in omnibus, quam octava est, &c.* in the Division of the Circle there is no place so cruel and malicious in all things, as is the eighth House. *Gemini* the sign descending upon the Cusp of the seventh, signifies the City besieged, *Mercury* Lord thereof is therein, and signifies the Persons besieged, &c. *Mercury* being strong and potent, suffering no manner of Debility, (save his Retrogradation, which is a thing that happens not *per se*, but *per accidens*, for the Planets of themselves never suffer any such affliction, but only as they relate to the Center of the Earth) and well beheld both of the three Superior Planets, and of the Moon; whereas on the contrary you see *Jupiters* ill Location; and *Saturn* (as he is *Superiorum Altissimus*, and posited in the tenth House) being the King of *Swedes* Significator, is in opposition of *Mars*, which were very plain Arguments of the King of *Swedes* own, and Armies ill success, and of the safety and good condition of Co-

### A Question in Astrology resolved.

*Copenhagen*, and the Persons besieged; and of Relief unto it also.

*Si Luna fuerit in figura, inter medium Cal & Angulum occidentis, applicare Veneri, & Mercurio—significat saluationem & liberationem civitatis & Gentis sue,* (saith the learned *Haly*) If (in such a Question) the Moon shall be posited between M. C. and west Angle, applying to *Venus* or *Mercury*, it prenotes the safety and happiness of the City surrounded, and the Persons therein. The Moon is posited between the M. C. and occidental Angle, and applies to *Mercury* (though not to *Venus*, which is the best of all here) *Ergo* the City and Persons besieged, are not straitned, or in any danger.

*Et si fuerit Fortuna in Ascendente (non Figura sed interrogationis) vel juncta cum domino Ascendentis, aut ascendens & ejus dominus ac Luna liberi ab infortuniis fuerint, significat quod Civitas non capiatur.* If a Fortune be posited in the Ascendent (not of the Figure, but of the Question) or joyned to the Lord thereof, [why not in good Aspect unto him? or the Ascendant, his Lord, and *Luna* free from the malignant Beams of the Infortunes] these Arguments signifie plainly that the City shall not be taken. Besides all these, the Sun in the Ascendant of the City, and *Mars* Lord of the tenth therefrom, in Sextile to *Mercury*, signifies the high Resolution and Encouragement of the persons that are in the City to hold it out; and *Jupiters* being in the eighth, and *Mars* applying to an opposition of *Saturn*, *significat quod militia que circumdaverit civitatem, seperabitur & discedet inde.* In one week after the City was relieved by the Hollander with all sorts of Provision, of Men, Moneys, and Ammunition, as was well denoted by the *Moons* Sextile to *Mercury*, she wanting a degree thereof, which signified a week

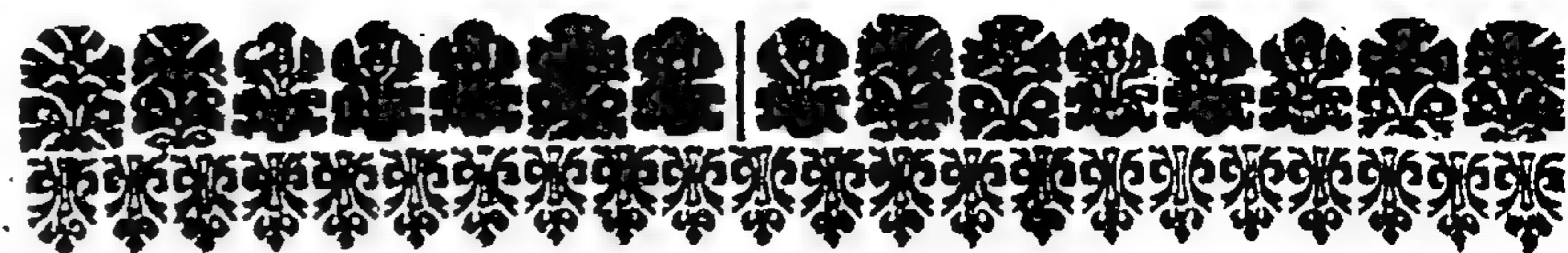
## A Question in Astrology resolved.

week in measure of time. It was also freed from the Siege in less then four moneths after, and that by the King of Swedes own order. And thus much may serve for the Reasons and Authority also, of my concluding the safety and good condition, and Relief of *Copenhagen*, from this position of Heaven, in answer to the Question propounded.

Some Artists may wonder at me, for taking my judgments of a City from the seventh House, because the fourth House is commonly believed to signifie Cities, &c. and several Astologers, both ancient and modern, practise and maintain the same. To which I answer, That common opinion is deceitful, and the less therefore to be credited, chiefly if it be not countenanced by the Impress of Reason. I acknowledge 'tis more common among Astologers to judge from the fourth in such a Question, but never any gave a reason thereof. The seventh signifies both men and things Querited, and why not this, if out of the Orbs of Relation to the Querent? If they mean the fourth in the question, then it will fall out to be the tenth, because that is the fourth from the seventh; but it is clear, this is the safest and surest way to judge, and the other as uncertain as reasonless. I could (were it required) instance in divers examples, to prove the same yet further, but 'tis unnecessary.

If any shall object to me, my siding with *Haly* against most of our present Astologers, as a Crime or Error to be repented of, I shall answer them as that Learned Person did his Opposers, that quarrelled at him for being too strict a Platonist, — *Malo errare cum Platone* (saith he) *quam cum ceteris Philosophis recte sentire*. I had much rather erre with *Plato*, then be Orthodox with other Philosophers. So I had rather (although it shall be accounted an Error) side with one in whom Experience and Reason concenter, and give my opinion after him, then consent to the blinde and chance-medly truths of other Artists.

F I N I S



## Brief Instructions to the knowledge of the Book.

**F**irst understand that the Zodiack is divided into 12 equal parts, which are called Signs, and every sign into 30 degrees, and every degree into 60 min. and every min. into 60 seconds, and every second, into 60 thirds, and so to fourths or fifths, if occasion be, but it is very seldom we go beyond Minutes, or sometimes seconds.

## The 12 Signs are thus named and Characterized.

♈	♉	♊	♋	♌	♍
Aries	Taurus	Gemini	Cancer	Leo	Virgo
♎	♏	♐	♑	♒	♓
Libra	Scorpio	Sagittary	Capricorn	Aquarius	Pisces

## The 7 Planets with the Dragons Head and Tail, are thus marked.

♄	Saturn	} ☉ Sol, or the Sun, {	♀	Venus
♃	Jupiter		♁	Mercury
♂	Mars		☾	Luna, or the Moon
♉	Dragons Head.		♏	Dragons Tail.

## Of the Aspects.

Formerly there were but five noted among Astronomers, viz. \* ☿ Δ ☽ and ☿, but *John Kepler* that excellent Mathematician added ten more, as founded upon an harmonical proportion of regular figures, viz. the Vigintile, Quindécile, Semisextile, Desile, Semiquadrat, Quintile, Tredécile, Biquintile, Triostile, and Quincunx; but after he found that some of this in the alteration of the air, were of far greater force then others, he preferred the Quintile, Semisextile, Biquintile, Tredécile and Quincunx, the which are noted in the Ephemeris, the day they happen.

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ATable

# Brief Instructions to the knowledge of the Book.

A Table of the Aspects both old and new.

Chara- cters.	Names of the Aspects	Distance D	The several Phases of the Moon.	Also you must ob- serve, that the seven planets are better dignified in some places of the Zodiac then they are in o- thers, therefore As- trologers have as- signed them Houses, Exaltations, Tripli- cities, Terms, &c.
♂	Conjunction	0	♂ Novilunium, The New Moon.	
SS	Semisextile	1		
*	Sextile	2	* Corniculata seu Falcata the horned moon.	
Q	Quintile	2		
□	Square	3	□ Semiplena, half full of light.	
Td	Tridecile	3		
△	Trine	4	△ Gibbosa, three parts light.	
By	Biquintile	4		
V	Quincunx	5		
♂	Opposition	5	♂ Plenilunium, the full (moon.)	

Note also as they have dignities, so they have debilities, likewise which are detriments falls and perigrinations, &c. Which the table following will inform you.

A Table of the dignities and debilities of the planets according to Ptolomy.

Signs	Houses of the planets.	Exaltation.	Triplcity of the planets.	The Terms of the Planets.	The Faces of the Planets.	Debilities.
♈	♈	♈ 16	♈	♈ 6 ♀ 14 ♀ 21 ♂ 26 ♀ 30	♈ 10 ☉ 20 ♀ 30	♈
♉	♉	♉ 3	♉	♉ 8 ♀ 15 ♀ 22 ♀ 26 ♂ 30 ♀ 10	♉ 20 ♀ 30	♉
♊	♊	♊ 3	♊	♊ 7 ♀ 14 ♀ 21 ♀ 25 ♂ 30 ♀ 10	♊ 20 ♀ 30	♊
♋	♋	♋ 15	♋	♋ 6 ♀ 13 ♀ 20 ♀ 27 ♀ 30 ♀ 10	♋ 20 ♀ 30	♋
♌	♌	♌ 15	♌	♌ 6 ♀ 13 ♀ 19 ♀ 25 ♂ 30 ♀ 10	♌ 20 ♀ 30	♌
♍	♍	♍ 21	♍	♍ 6 ♀ 13 ♀ 19 ♀ 24 ♂ 30 ♀ 10	♍ 20 ♀ 30	♍
♎	♎	♎ 3	♎	♎ 6 ♀ 14 ♀ 21 ♀ 27 ♀ 30 ♂ 10	♎ 20 ♀ 30	♎
♏	♏	♏ 28	♏	♏ 6 ♀ 12 ♀ 19 ♀ 25 ♀ 30 ♀ 10	♏ 20 ♀ 30	♏
♐	♐	♐ 27	♐	♐ 6 ♀ 12 ♀ 20 ♀ 25 ♀ 30 ♀ 10	♐ 20 ♀ 30	♐
♑	♑	♑ 27	♑	♑ 8 ♀ 14 ♀ 20 ♂ 26 ♀ 30 ♀ 10	♑ 20 ♀ 30	♑

The use of this table is thus, ♈ is the day house of ♀, the exaltation of the ☉, the triplicity of ☉ by day and ♈ by night; next the first 6 deg. are the terms of ♀ from 6 to 14, the terms of ♀ from 14 to 21, the terms of

# Brief Instructions to the knowledge of the Book.

of ♀ from 21 to 26, the terms of ♂ from 26 to 30, the terms of ♈; then for their faces, or decades, the first 10 deg. is the face of ♂, the next 10 deg. the face of ☉, the last 10 deg. the face of ♀; further note, that ♈ is the detriment of ♀ and fall of ♈, you may understand the rest of the table by this example, &c.

Note, that the dignities and debilities of the planets, must be heedfully observed in giving the judgement of the wind and weather, for which this table is of great use, the planets have other dignities and debilities which shall be mentioned hereafter.

## Of the division of the 12 houses.

In the next place, I think it most convenient (before I teach the young student how to erect a figure of heaven) to shew him the division of the 12 houses of heaven.

The whole sphere of heaven is divided into four equal parts by the meridian and horizon, and every one of these parts or quadrants are divided into three other parts, according to other circles, drawn by points of sections of the aforesaid meridian and horizon, so the whole is divided into twelve equal parts, which the Astrologers call houses, or mansions, taking their beginning from the east.

The first part or quadrant is described from the angle of the east to the mid-heaven, viz. from the line of the first house, to the line of the tenth house, and contains the twelfth, eleventh, and tenth houses, it is called the Oriental, vernal, ascending, masculine, sanguine Infant quarter, verging to the south.

The second quadrant is from the cusp of the mid-heaven, to the cusp of the seventh house, and contains the ninth, eighth, and seventh houses, and is called the meridian, estival, feminine, youthful, choleric quarter, verging to the west.

The third quadrant, is from the cusp of the seventh house, to the cusp of the fourth house, and contains the sixth, fifth, and fourth houses, and is called Occidental, Autumnal, Masculine, Melancholick, Manhood, cold and dry, verging to the North.

The fourth quadrant, is from the cusp of the fourth house, or *Imum Cæli*, to the cusp of the first house, and contains the third, second and first houses, it's called northern, feminine, old age, of the nature of winter, phlegmatick, verging east. The first, tenth, seventh and fourth houses are called angles, the eleventh, second, eighth and fifth succedents, the third, twelfth, sixth and ninth, Cadents. The angles most powerful, the Succedents next in force, the Cadents weak: the Succedents are next to the Angles: the Cadents next to the Succedents.

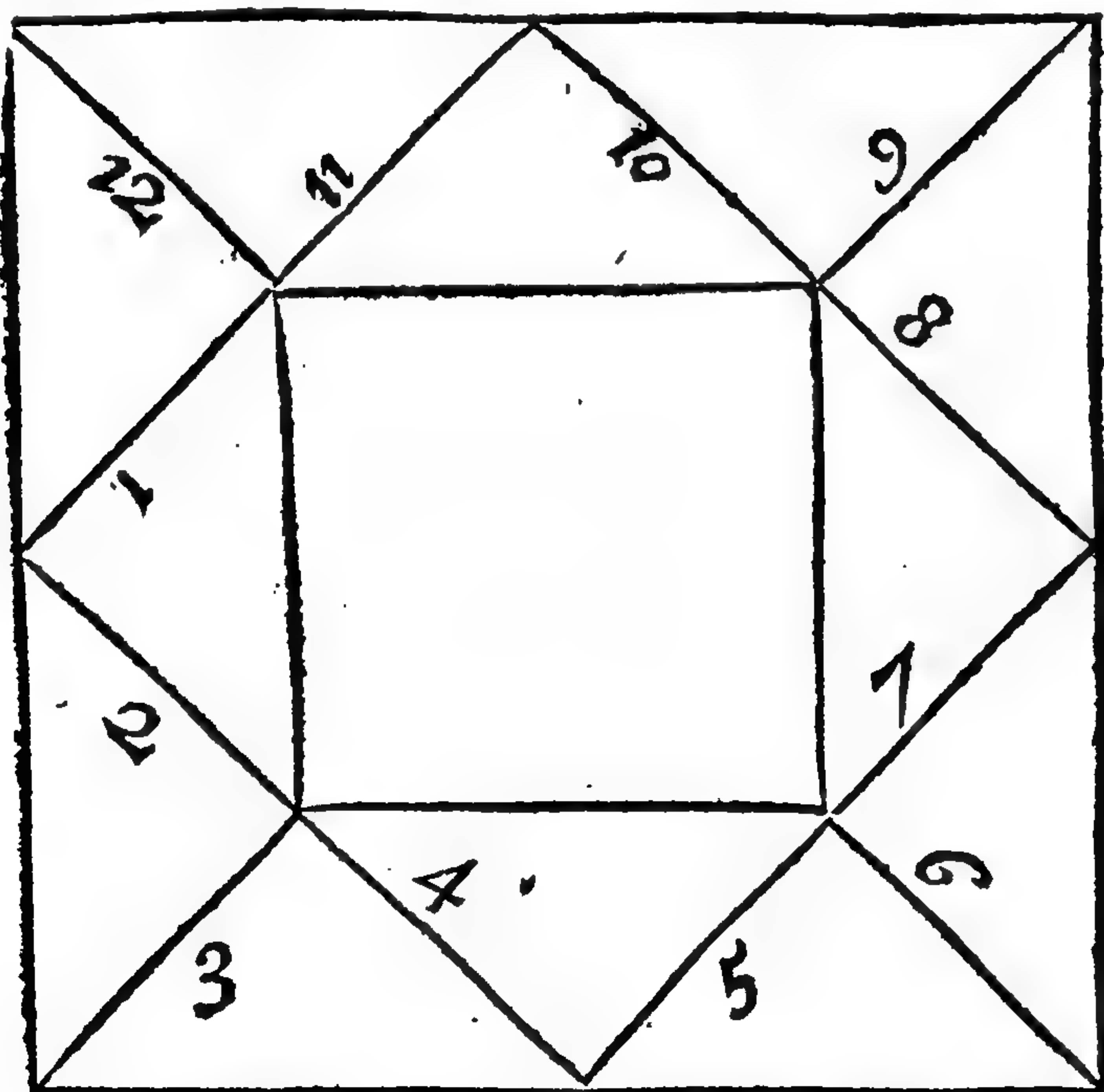
1. 10. 7. 4. | 11. 5. 2. 8. | 9. 3. 12. 6. | Note, that the first house is preferred before the tenth, and the tenth before the seventh, &c.

## Brief Instructions to the knowledge of the Book.

### How to Erect a Figure of Heaven.

Since I have shewed you the division of the twelve Houses, it is also requisite to shew the use of them, and how to erect a figure. First, draw the figure as below, and note that the 12 empty places are the 12 houses, as the figures standing on the cusp or beginning of each house doth inform you, and the vacant place in the middle may note to you the earth which is surrounded with the heavens; in which it is usual to write the year, month, day, and hour when the figure was made: thus have you a figure of the heavens and earth in plano.

Note, where you see the figure 1 placed, that is called the cusp of the first house or ascendant, the figure 2 shews you the cusp of the second house, and the figure 3 the cusp of the third house, &c. and so of the rest.



Having drawn your blank figure, then seek the place of the Sun in the Ephemeris, and having found the Sun's place, then enter the table of houses, and in the Column of the tenth house, find the sign and degree the Sun is in, and if you find not the just place of the Sun, then take the nearest to it; for many times there be odder min. adhering to his place; which

## Brief Instructions to the knowledge of the Book.

which if the odd min. be above 30, then take the next whole degree, but if under 30, you may reject them, and take the even degree, and right against it in the column toward the left hand entitled (*time from noon*) you have the time in hours and min. of the Sun's right ascensions to be added to the time of the hour and min. you make your figure for, and the hours and min. thus added (if they be under 24 hours) seek out in the column of *time from noon*, but if they exceed 24 hours, then cast away 24 hours, and the remainder seek out under the column of *time from noon*, and right against it in the same line you have the signs degrees and min. to be placed upon the 10, 11, 12, 1, 2, and 3. houses, so have you six of the houses, the other six are easily found, onely by placing the same degree and min. of the opposite sign on the opposite house; if you cannot tell what signs are opposite to each other, look at the beginning of the book, and you may see that ♋ is opposite to ♏, and ♊ is opposite to ♎, &c. Take example by that figure at the beginning of the Ephemeris, when ☉ enters ♋; next you must learn to place the planets in the figure aright, as you may see in the same figure; as thus, you may observe ♄ being more degrees then the cusp of the fourth is placed in the fourth, ♃ being in fewer degrees then the cusp of the ascendant, is placed above the ascendant: the like rule observe in all the rest &c.

Here note, that the figure of *Sols* entering ♋, is erected for London by the table of houses of 51 deg. 32 min. which is the elevation of that place: but if you chance to be in another elevation, when you make your figure, then take that table of houses which is nearest the elevation you are in. I was intended to have given you tables of houses for every five deg. of elevation, from the elevation of the Pole 5 to 60 deg. of elevation, but I am straitened now, lest the Press should stay for me, and Reader if what I have written please thee, and thou receivest any benefit by it, 'tis like the next year I may furnish thee with the said tables; but however for the present I have inserted four other tables of houses, viz. for the elevation of 13, 40, 45, and 55 deg. of latitude.

### How to reduce the Ephemeris and Sun's declination to any other Meridian.

Forasmuch as the Sun's declination is of great use, I shall first shew an example of that; Observe this, that a table of declination, or an Ephemeris made for any particular place, will not serve generally for all places, but onely for such places as have the like, or near the same longitude. The reason is, because the declination (or the Ephemeris) is calculated according to the true place of the Sun at noon, at which time the Sun is

### Brief Instructions to the knowledge of the Book.

upon the meridian at that place, for which the said tables are made: but you must note, that the sun doth not come to the meridian in all places at a like time; although that in all places the sun being upon the meridian makes the middle of the day, but for every 15 degrees difference of Longitude between any two places, the sun comes sooner or later to the meridian, by so many hours, so that if a place be 15 degrees to the eastward of the place prefixed, then the sun comes sooner to the meridian by an hour, and if it be 15 degrees to the westward, later by an hour, and so consequently more or less, according to the difference of longitude; by which reason, in what part of the world soever you be, you may work for the declination of the sun in that place by the proportional parts of 24 hours declination to the hour of difference in longitude. Note, that what is said of the declination, by the same rule you may reduce the planets also to another meridian.

#### Example.

Suppose you were in Brasilia or in any other place Westward the 10 of April, 1659 whose Meridian is distant from the Meridian of London to the Westward about 45 degrees which is three hours of time that the Sun comes to their Meridian later then here at London, where the table and Ephemeris is made: for when it is 12 a clock here, it is but nine there, and being noon there, it is three a clock here; therefore to apply this table to that place I finde the declination for the day aforesaid under our meridian, to be 11 deg. 38 min. at noon, and by reason that when it is 12 a clock at Brasilia, it is then at London 3 hours past; therefore by the rule of proportion, I seek what declination the Sun hath at 3 a clock in the afternoon, as followeth, I take the difference of declination between the day aforesaid, and the next following which is 20 min. then I say by the rule of 3. if 24 hours gives 20 min. what gives 3 hours, the time of the difference in Longitude. Facit 2 min. and 30 seconds, which because the declination increases I adde to the number of the day proposed: so I conclude the declination of the Sun to be the 10 of April at noon in the Kingdom of Brasilia 11 degrees, 40 min. 30 seconds: do the like in the Planets that are direct, but to the retrograde Planets and ☿ subtract their three hours motion from their places at noon.

Again the day and time aforesaid in the Bay of Saint Sebastian; whose longitude is 58 deg. to the Eastward of London; answering near to four hours of time shewing that the sun comes sooner to the Meridian in the Bay of Saint Sebastian, by four hours then at London, by which reason the declination is less there then at London, because the declination doth increase: for if the declination did decrease, it would be more there then at London: and to know the declination of the Sun in the Bay aforesaid: I take the difference betwixt the declination of the 10 of April, and the declination of the day next before,

### Brief Instructions to the knowledge of the Book.

before, being 20 min. then I say, if 24 hours give 20 min. what 4 hours Facit. 3 min. which deducted from 11 deg. 38 min. the declination of the Sun the 10 of April aforesaid, at London, leaveth 11 deg. 35 min. the declination of the Sun at noon in the Bay of Saint Sebastian, being that when it is 12 of the Clock there, it is but 8 a Clock at London, or in any place having the same Longitude: do the like in the Planets that are direct, but in the retrograde Planets, and ☿ adde their four hours motion to their places at noon.

#### An Example in reducing of Aspects to other Meridians.

Observe this as a general rule, that if you adde in motion, you must subtract in aspect, and if you subtract in motion, you must adde in aspect.

In the first of the foregoing examples, your difference of Meridians, was three hours to the westward of London, and the motion of three hours was added to give you the true deg. and min. of what was sought, the day following which is the 11 of April, 1659. here at London, we have a new Moon at 30 min. past, at noon subtract three hours from that, and there remains nine hours 30 min. which is the time of the ☾, or new Moon at Brasilia.

Again in the second example, your difference of Meridian was four hours Eastward, and the four hours motion was subtracted, to give the true deg. and min. of what was sought for: Now for this ☾, or new moon aforesaid, here I adde 4 h. to the time of the ☾ at London, which is 0 h. 30 min. P.M. and that is 4 h. 30 min. P.M. or afternoon at Saint Sebastian.

Herein note, that Astronomers begin their day at noon, so that one a Clock afternoon is their first hour, two a Clock the second, and so forward; six a Clock the next morn the 18 hour a 11 a Clock the 23 hour; this rule you must observe in all Astronomical Calculations, and in your time when you erect figures, for every Ephemeris is calculated to the Meridian of some particular place.

#### Of several terms, words of Art, and accidents of the Planets.

Application is when too Planets draw towards each other by body or aspect; by body, that is by conjunction; by aspect, that is by beholding each other from several signes, and this happens three several ways. First, when a planet that is swift applies to one more slow and ponderous, they being both direct, as Mars in ten deg of Aries, and Mercury, five here, Mercury applies to the conjunction of Mars.

The second application is, when both planets are retrograde, as Mercury in ten deg. of Aries and Mars, in nine deg. of Aries, Mercury being not direct until he hath made conjunction with Mars, this is an ill application, and an argument of either suddenly perfecting, or breaking off the business, according as the two planets have signification.

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The third application is when a planet is direct, and in fewer degrees, and a retrograde planet in more degrees of the sign, as ♄ being direct in 15 deg. of ♈, and ♀ retrograde in 17 deg. of ♈, this an ill application, and in the air shews great change, in a question sudden alteration; but more particularly application followeth, it is when two planets are drawing near each other by ☌ or aspect, viz. \*△□♄, where note that ever the lighter planets apply to the more ponderous, unless they be retrograde.

*Separation*, is first when two planets are departed but 6. min. distance but they are not fully separated till they are distance half of each others Orb. Prohibition is when two planets that signifie the effecting of any thing demanded, are applying by ☌ or aspect, and before they can come to a true aspect, another planet interposeth his body or aspect, so that thereby the matter propounded is hindered or retarded; as ♄ in 7 deg. of ♈ & ♀ in 12 deg. of ♈, here ♄ signifies the effecting of any business when he comes to the body of ♀ who promises the conclusion, but ☉ at the same time in 6 deg. of ♈, and he is swifter in motion then ♄, he overtakes ♄ and comes to ☌ with ♀ before ♄, whereby what ever ♄ or ♀ did formerly signifie, is now prohibited by the Sun his first impeding ♄, and then ♀ before they can come to a true ☌, this is called conjunctional or bodily prohibition; you must note there is prohibition by aspect also: it is necessary to observe this in change of the air as well as in horary questions.

*Refrenation*, is when a planet is applying to another by ☌ or aspect, but before he comes to the other, he becomes retrograde, as ♀ in 12 deg. of ♈ and ♄ in 7 deg. here ♄ hastens to a ☌ of ♀, but before he comes to the 10 or 11 deg. he becomes retrograde, and so refrains to come to a ☌ of ♀, who still moves forward in the signe: nothing signified by the former ☌ will be effected.

*Translation of light and nature*, is when a planet separates from one more weighty, and applies to another more heavy, as ♀ in 20 deg. of ♈ and ♄ in 15 deg. of ♈, and ♀ in 16 deg. of ♈ here ♀ being a swift planet separates from ♄ and translates the vertue of ♄ unto ♀: it is done also as well by any aspect as by conjunction.

*Reception*, is when two planets are in each others dignities, as ☉ in ♈ and ♄ in ♈ here is reception by house, it may be by triplicity, term, or face, or any essential dignities: the use of it is much, for when the effecting of a matter is denied by the aspects, or when the significators have no aspect to each other, or when it seems doubtful what is promised by □ or ☌ of the significators, yet if mutual reception happen between the significators, the thing is brought to pass and without any great trouble, and suddenly to the content of both parties.

Fra-

### Brief Instructions to the knowledge of the Book.

*Frustration*, is when a lighter planet would come to ☌ with another, but more weighty before they come to ☌ the more weighty planet is joyned to another, and so the ☌ of the first is frustrate: as ♀ in 10 deg. of ♈ and ♄ in 12 deg. and ♄ in 13 deg. of ♈ here ♀ strives to come to ☌ with ♄, but ♄ first goes to ☌ with ♄ whereby ♀ is frustrated of the ☌ of ♄. In questions it signifies, as our common proverb is, two dogs quarrel, the third gets the bone; but in the air (if three planets happens so near together) it breeds sudden alteration.

*Peregrination*, a planet is perigrine when he hath no essential dignity in the sign where he is neither by house, exaltation, triplicity term nor face. It is very material in all questions to know the perigrine planet, especially in questions of theft, for ever almost the significator of the thief, is known by the perigrine planet posited in an angle, or the second house.

*Combustion*, a planet is combust when he is not 8 deg. 30 minu. distant from the Sun, either before or after him, the significator of the querent combust, shews he is in great fear, and over-powered by some great person; many times in change of the air, it shews the higher winds and greater storms.

*Under the sun beams*, a planet is said to be so until he be distant from him 17 deg.

*Caximi*, a planet is in the heart of the Sun or in *Caximi*, till distant from him 17 min. while a planet is in *Caximi* he is counted very strong.

*Void of course*, a planet is so when he is separated from another, and doth not during the time of his being in that sign, apply to any other: this is most usually in the ♄ in judgements carefully observe if she be void of course or no, for you seldom see a business go handsomely forward when she is so: some say that if a planet be above 12 deg. distant from the ☌ or aspect of another planet, that he shall be counted void of course till he be within 12 deg. of some aspect.

*Besieging*, a planet is besieged, when he is between the bodies of the two Infortunes or malevolents ♀ and Mars, Pulsation or Mission, some call it rendring of vertue, it is thus ♀ in ♍, and the Sun in ♈ here the Sun gives vertue unto ♀, because the Sun casts an aspect to ♀ from his house.

*Almuten*, It is that planet that bears chief rule of any sign in any figure.

*Almuten of a figure*, is that planet that have most dignities, or is most powerful in the whole Scheme of Heaven.

*Haiq*, is when a masculine and diurnal planet in the day time is above the earth, and in a masculine sign, or a feminine nocturnal planet in the night time under the earth, and in a feminine signe: In questions it usually shews the content of the querent at the time of the question when his significator is so found.

Oriental,

## Of the Windes.

**Oriental**, that is when a planet riseth before the Sun.

**Occidental**, that is when a planet sets after the sun, ♄ & ♀ are called superiors and primary planets, they are *Oriental* of the sun from their ♀ with him till their ♀, from whence till again they come to his ♀, they are *Occidental*.

♂ and ♀ are called inferiors, and they cannot make any \*□△ or ♀ to the sun, because they are never elongated the quantity of a \* from the sun, for ♀ is seldom above 30 deg. distant from the sun, and ♀ seldom above 48 deg. in their greatest elongations from the sun, their *Orientality* is when they are fewer degrees of the sign the sun is in, or in the sign proceeding their *Occidental*ity, when they are in more degrees of the sign the sun is in, or in the next following, ♀ is *Oriental* of the sun from her ♀ to ♀, and *Occidental* from her ♀ to her ♀ of the sun.

**Direction**, is when a planet moveth forward in the sign, as going out of 13 deg. into 14 deg. and so along.

**Retrogradation**, is when a planet goes backward, as out of 10 deg. into 9, 8, 7, &c.

**Stationary**, is when a planet moves not as the superiors do not 2, 3, or four days before they turn *Retrograde*, Longitude of a planet or star is their distant from the beginning of *Aries*, numbred according to the succession of the signs.

**Latitude of a planet or star**, is their distant from the Ecliptick, either toward the north or south.

**Declination of a planet or star**, is their distant from the *Equator* as they decline from thence, either northward or southward.

## The Orbs of the Planets.

♄	9 deg.	before	Some do allow the planets orbs to be (in some of them) greater by a deg. or two then what I have inserted here.
♄	9 deg.		
♄	8 deg.		
♄	15 deg.		
♄	7 deg.		
♄	7 deg.	after	
♄	12 deg.		

Right against every planet are the degrees of this Orb; for when any two planets are not in the degrees of the signs which makes their party aspect, yet if they be within half the degrees of each others Orb, they are in *Platrick* aspect.

Example.

## Of Windes.

Example.

Suppose ♄ in the third deg. of ♋ and ♄ in the ninth deg. of ♋, here they are in *Platrick* aspect, because they are within the half of each others orb; but the partile aspect is of greatest force; had ♄ been in the third deg. of ♋, then the aspect had been partile.

## A table of the Fortitudes and Debilities of the Planets both Essential and Accidental.

### Essential dignities.

A planet in his own house, or in mutual reception with another by house, shall have dignities —	5
In his exaltation or in reception, by exaltation —	4
In his own triplicity —	3
In his own term —	2
In his face —	1

### Accidental fortitudes.

In the tenth house, or Ascendant —	5
In the 7, 4, 11, houses —	4
In the 2 or 5 houses —	3
In the ninth —	2
In the third —	1
Direct (to ☉ and ☽) this is void —	4
Swift in motion —	2
♄ and ♀ Oriental —	2
♄ and ♀ Occidental —	2
The Moon increasing, or Occidental —	2
Free from combustion, and ☉ beams —	5
In the heart of the sun, or Cazami —	5
In partil ♀ with ♄ and ♀ —	5
In partil ♀ with ☾ —	4
In partil △ to ♄ and ♀ —	4
In partil * to ♄ and ♀ —	3
In ♀ with cor Leonis in 25 of ♋ —	6
In ♀ with spica virginis in 19 deg. —	5

### Debilities.

In his detriment —	5
In his fall —	4
Peregrine —	5

### Debilities.

In the twelfth house —	5
In the 8 and 6 houses —	2
Retrograde —	5
Slow in motion —	2
♄ or ♀ Occidental —	2
♄ and ♀ Oriental —	2
☽ Decreasing in light —	2
Combust of the sun —	5
Under the sun beams —	4
Partil ♀ with ♄ or ♀ —	5
Partil ♀ with ☾ —	4
Besieged of ♄ and ♀ —	4
Partil ♀ of ♄ or ♀ —	4
Partil □ of ♄ or ♀ —	3
In ♀ with caput Algol in 24 deg. of ♋ or within five degrees —	5

Fortitudes

# Brief Instructions to the knowledge of the Book.

## Fortitudes of Pars fortuna.

In $\gamma$ or $\times$ —————	5
In $\simeq$ $\uparrow$ $\Omega$ or $\ominus$ —————	4
In $\Pi$ —————	3
In $\pi$ so it be in the terms of $\mu$ or $\phi$ —————	2
If in $\gamma$ with $\mu$ or $\phi$ —————	5
In $\Delta$ with $\mu$ or $\phi$ —————	4
In $\ast$ with $\mu$ or $\phi$ —————	3
In $\gamma$ with the $\delta$ —————	3
In the first or tenth —————	5
In the 7. 4. or 11 houses —————	4
In the second or fifth —————	3
In the ninth house —————	2
In the third house —————	1
In $\gamma$ with regulus in 25 de. of $\Omega$ —————	6
In $\gamma$ with spica virgin 19 deg. of $\simeq$ —————	5
Not combust or under Sun-beams —————	5

## Debilities of Pars Fortuna.

In $\pi$ $\nu$ $\simeq$ —————	5
In $\vee$ neither gets nor loses —————	0
In the terms of $\eta$ or $\delta$ —————	3
In $\gamma$ with $\eta$ or $\delta$ —————	5
In $\phi$ with $\eta$ or $\delta$ —————	4
In $\square$ of $\eta$ or $\delta$ —————	3
In $\gamma$ with $\phi$ —————	3
In the twelfth house —————	5
In the eighth house —————	4
In the sixth house —————	4
Combust —————	5
With caput Algol in 21 deg. 26 min. of $\gamma$ .	

These foregoing tables are so plain and easie, that they need no explanation; onely when you have collected the fortitudes and debilities of the planets in any figure, then observe which is greatest in number, and subtract the least from the greatest, and the remainder shows you what dignities or debilities the planet hath, and according to the number thereof give your judgment: And note that the first of these three tables which is the table of the essential dignities and debilities of the planets, is of greatest use in change of the air.

## Of the Winds.

Forasmuch as daily experience shews, that the disposition of the air is much changed, by the situation of the winds, for according to their bearing is the season much inclined; sometimes to wind, rain and snow, and again to fair weather; therefore I shall chiefly treat of the winds, in regard I write to Sea-men, for I know a Sea-man values not a shower of rain, so he have but a fair wind, wherefore I shall give you the names of the several winds, with their natures, and shall afterwards shew how to preface

## Of the Windes.

preface what winds will be predominant at all times: and first what the wind is.

The wind, as most Philosophers agree, is an exhalation drawn forth of the earth, or to define it more at large.

The wind is an exhalation, or earthly humor passing over the superficies of the earth; or it is an *Elisian*, or drawing forth of the air out of a cold region, &c.

The four principal winds which come from the four angles of the world, are, the East, West, North, and South; they are likewise called by some the four cardinal winds: The Latines call them *Septentrio*, *Auster*, *Favonius* & *Subsolanus*.

The north wind is cold and dry, bringing serenity, and is very wholesome, preserving all things from corruption, albeit for his excessive coldness, it's hurtful and pernicious to flowers, and to young and tender plants. This is called *Septentrio*.

The south wind is warm, moist, sultry, hurtful, dangerous, hurting the sight, stuffs the head, and makes men slothful, ingenders diseases, putrid fevers, Plurisies, Inflammations of the Lungs, and when this wind produceth serenity, it is with great heat, and hurtful to mankind. It's called *Auster* & *Notus*.

The west wind, is moist and watry, begetting rain and thunder; but in Summer fair weather, in winter and spring, snow and rain. It's called *Favonius* & *Zephyrus*.

The east wind is temperate, dry and wholesome, an enemy to contagion and rottenness, and preserver of bodily health: this wind produceth rheums and cold dews, it blows most commonly at Sun-rising, and for the most part little in the night time. It's called *Subsolanus*.

These four are called the chief winds; the intermediate winds between these are, the north-east, south-east, south-west, and north-west, and these are called *Borrhopelices*, *Notopeliotes*, *Notolybicus* & *Borrholybicus*.

The north east wind, for the most part is cold and dry, ingendring clouds and sometimes snow.

The southeast wind is weak, moist, a producer of clouds and obscure air.

The southwest wind is of a hurtful quality, sickly, moist, producing clouds and rain.

The Northwest wind is moist, conituous, tempestuous, violent, hasty, causing a turbulent air.

The lateral winds are in number eight, and are these, viz east north-east, north northeast, north northwest, west southwest, south southwest, south

## Of the Windes.

South Southeast, west northwest, east Southeast, and these are called *Cacias, Aquilo, Circius, Apherian, Libanotus, Phoenix, Corus and Eurus*.

The Collateral winds are sixteen as followeth, viz. east by north, northeast by east, north by east, northeast by north, north by west, northwest by north, west by north, northwest by west, southwest by west, west by south, southwest by south, south by west, south by east, southeast by south, southeast by east, east by south; And these are called *Mesocorius, Upocorius, Upaquilo, Mesaqueilo, Mesocircius, Upocircius, Mesocorus, Upocorus, Mesaphrycus, Upaphrycus, Upolibanotus, Mesolibanotus, Mesophoenix, Upophoenix, Mesaurus, Upæurus*.

These six eastern winds, viz. the east Southeast, Southeast by east, east by south, east by north, east northeast, and northeast by east, are all dry of nature, and wholsom, bringing serenity; in summer increasing heat, but in winter making cold the air.

The east Southeast wind is like to the east wind in quality, yet in respect of his bending southward, is somewhat of a moist quality, and in fine troubles the air, and causeth thunder and sudden mutations.

The east by south, and the east by north winds, adjoyn to the east whose quality they retain.

The Southeast by east, and the Southeast winds are of the nature of the south wind, and more moist then the east Southeast wind.

The east northeast wind is more cold then the east wind, in respect of his mixing with the northern winds, and sometimes is very wet.

The northeast by east, is more northern, and is colder then the east northeast wind.

The principal of the western winds, is the due west which on each side three other winds; on the south side is, west by south, west southwest, and southwest by west, toward the north side is the west by north, west northwest, and northwest by west; all these are temperate in heat, but moist and wholsom, bringing gentle rain, and sometimes serenity, especially in winter.

The west by south and west by north winds are of the nature of the west wind.

The west southwest wind, is cold, moist, rainy and tempestuous.

The south west by west, retains the nature of the south wind, being in quality most like to the southwest wind, but less moist and sickly then the other southern winds.

The west northwest wind, is cold and wet, in the beginning stormy, bringing snow and hail: And usually when this wind blows on a fair day clouds appear in the east.

The north west by west retains the nature of the northwest wind, moist

## Of the Windes.

moist and tempestuous, and brings thunder in summer time.

The Southern winds are warm and moist, and if they breathe long, they trouble the air, and beget tempests on the Sea.

The south wind towards the east, hath the south by east, south south east and south by south; towards the west it hath south by west, south south west, and southwest by south.

The south by east and the south by west, are of the quality of the south wind.

The south south east wind is warm and moist, and the begetter of diseases.

The south east by south is more wholsom and dry, partaking of the Eastern wind.

The south south west wind is warm, but moist and rainy, causing sickness.

The south west by south wind, is temperate at all times.

*The North windes are all cold.*

The north wind toward the sun rising in summer, hath the north north east wind, towards his setting, it hath the north northwest, north by west, northwest by north, north by east and north east by north; these five last retain the nature of their Cardinal wind: the first, namely the north northeast hath partly the same quality, but is more wholsom, purging the air, and produceth snow and sometimes hail.

The north east by north wind is not so cold as the rest are.

The north northwest wind begets cold, whirlwinds, and showers, hail of impetuous blasts.

The north west by north wind, is more moist then the north north west.

Having thus briefly shewed the nature of the winds, I shall in the next place shew how to prognosticate what wind will blow.

*How to Prognosticate what wind will blow.*

In giving judgement what wind will blow, observe diligently these rules following, having erected your Scheme for the time of the ☿ ☐ or ♀ of the *Luminaries*; first observe what planet is Lord and Almuten of the figure, for according to his quality and nature will the season be inclined; secondly consider the sign which the said Lord is in, with its nature and quality; thirdly observe the sign ascending, the nature and quality thereof; fourthly the places of the planets, both of the Zodiack and the Celestial houses; fifthly observe to what planet the moon is first joyned to, or aspects next after the ☿ ☐ or ♀, and lastly consider to which of the planets or fixed stars the Lord is first joyned, or of whom he is beheld, these things well considered, judgement must then heedfully be given.

## Of the Windes.

The nature of the time will chiefly be moved when the Moon after ☿ or ♀ shall be joynd by body, or any strong aspect, to the significator, or when the Moon comes to the sign ascending of the ☿ or ♀, the time may be managed according to the nature of the sign and Asterism.

Also in the figure of the ☉ ingresses into any of the Cardinal signs, or ☿, or ♀ of the *lunaries* preceding, or monthly *lunation*, carefully observe what planet is predominant in the figure, and their positions one to another mutually as before is said, which known, you may by those instructions following, give a reer conjecture of the wind: for,

♄ Is the mover of the eastern winds, ♃ of the northern, ♀ of the west and southern, ♁ of the southern, ♁ according as he is joynd with others, ☉ and ☾ of the western winds. The quality of the winds and their bearing, is also shewed from their position in the figure for the planet, with latitude and south declination from the mid-heaven, move the southern winds to blow; from the *Imum Caeli* with latitude and north declination, the northern winds; the Oriental planets move the eastern winds, but the Occidental the western winds, and when they are weak they cause the intermediate winds to blow.

Also the situation and quality of the winds is gathered from the latitude of the ☾, as she inclines to the north or south; so the signs do also demonstrate the winds, for ♋, ♊, and ♏ excite the northwest wind, ♍ and ♏, the south east, ♐ and ♑ the northeast, ♒ and ♓ the southwest, likewise from the application of ♁ to the other planets, may we in some measure prognosticate of the quality of the winds, for if ♁ apply to ♄ it produceth great winds, clouds and rain; if ♃ sweet winds, if to ♀ warm winds, if to ☉ waim and hurtful winds, if to ♁ winds.

Also the rising, culminating and setting of the fixed stars, with the ☉ and other planets, do alter both the winds and weather, as I shall here shew:

*Regulus*, the *Lyons heart* setting with the ☉, exciteth the west wind to blow many days together.

The rising of the *Pleiades* with the ☉, moveth the east wind.

The setting of *Arcturus*, stirreth up the southern winds.

The setting of *Pleiades* with the ☉, excites the north northeast.

The rising of the *Dolphin* with ☉, also produceth winds.

The rising or setting of *Arcturus* the *Head* of the former *Twin*, the southern *Ecly* of ♋, the \* of *triangle* with ☉ ♄ ♀ ♁ begetteth winds.

The setting of *Hyades*, troubleth both sea and land, especially when ♄ and ♁ give testimony.

If at the time of the matutine setting of the *Dolphin* there be showers, there

## Of the Windes.

there will be none at the rising of *Arcturus*.

The rising of the *Hædi*, produce rain.

The matutine rising of the greater dog star, begetteth heat, troubleth the seas, and changeth all things: as *Pliny* reports.

### Observations from Ptolomie, by the fixed stars accompanying with the Sun.

*Oriens Girdle* rising with the ☉, maketh a turbid air,

The setting of the *Crown*, presageth tempests.

*Syrius* and *Aquilo*, rising in the evening maketh tempests.

The setting of *Regulus*, causeth the north wind and sometime rain.

The setting of the *Dolphin*, produceth wind and snow.

The setting of *Vindemiator*, moveth the north northeast wind.

The rising of the *Rams-born*, brings forth rain and snow.

The *Vespertine* rising of *Arcturus*, portends tempests.

The rising of the *Pleiades*, maketh the west wind to blow.

The *Vespertine* setting of the *Syrius*, produceth the south and sometimes the north northeast winds.

The *Matutine* setting of the *Hyades*, presageth rain and the south wind.

The *Vespertine* setting of the *Pleiades*, moves the south wind terminating in the west.

The rising of the *Succula*, brings rain.

The rising of *Orion*, maketh the west wind to blow.

The *Matutine* setting of *Arcturus*, promifeth good weather.

The *Matutine* setting of the *Eagle*, causeth great heat and the south wind.

The *Matutine* rising of *Regulus*, moveth north northeast.

The *Matutine* setting of *Arcturus*, presageth showers.

The *Matutine* setting of the *Succula*, begetteth rain.

The ☉ rising with the *Aselli*, troubles the air with thunder, lightning, showers and the like.

The ☉ rising with the *Eagle* produceth snow, as also with the *Tail* of the *Goat*, and *Head* of *Medusa*.

His rising with *Aldebaran* and the stars of *Orion*, moveth wind, rain thunder and lightning.

When he riseth with the cloudy stars in ♏, with *Orion*, with the *Tail* of ♏, the light star of *Hydra*, the crown, or the stars in the forehead of the *Scorpion*, it portends a cloudy season.

The ☉ setting with the *Harp*, presageth a cold and moist time.

With the *Pleiades*, it begets wind and rain.

With *Regulus*, showers, thunder and lightning,

*Of the IVindes.*

With the greater Dog, a fair and warm time with thunder and lightning.

With *Orion* and *Aldebaran*, a turbid windy and wet air.

With *Acarnar* and the stars of  $\Upsilon$ , a serene and temperate season.

With the stars of the nature of  $\text{h}$ , he produceth cold rain or snow.

With the stars of ♀ rain and moisture.

With the stars of ♂ thunder and lightning.

*Saturn with the head of Medusa, begetteth cold and moisture.*

With the *Pleiades* he troubleth the air, and engenders clouds rain and snow.

With the stars of *Orion*, he produceth wind and showers.

With *Arcturus* wind and rain.

With the *Virgins Spick*, showers and thunder.

With the *Dolphin*, bright star of the Crown, Goats tail, or the *harp*, cau-  
seth a moist and cloudy time, sometime snow and rain.

With *Proserpe*, and the *Hyades*, it begetteth winds, clouds rain and thunder.

With the *Lions heart*, it produceth thunder and rain, and instability.

With the greater Dog it signifies winds, rain, thunder and lightning.

Jupiter ruling with Regulus, brings fair weather in winter, and mitigareth the cold, and increaseth the heat in summer.

With the Neck of the Lion, it raiseth the winds, and with *Acarnar* it promiseth serenity.

*Mars rising with the Goats tail, foretelleth a moist time.*

With the stars in the Scorpions forehead, it denotes cold rain or snow.

With *Arcturus*, vehement winds rain thunder and lightning.

With the Eagle, rain snow and great coldness.

With the stars of Orion, Hyades, Regulus and the Dogs, it signifies great heat.

*Mercury with the Pleiades, begetteth winds and rain.*

With the Eagle, snow or rain.

With the stars of Orion, Hyades, Regulus or the Dogs, it produceth winds, showers, thunder and lightning.

With the Gout tail, cold, winds, snow flowers.

With the *back and neck* of the *Lion*, moistness with winds.


With the *Lions tail*, *Spica u*, the *harp*, &c. it portends a sudden change to winds and wet.

Forasmuch as in some of the fixed stars it is not mentioned, what wind blows at the rising and setting, though it says they produce winds: if you desire to be satisfied in that respect, to know what wind it should be, then have regard to the foregoing rules for your instruction: If any desire

*Of the Windes.*

desire to be further satisfied in the rising setting, and culminating of the fixed stars, I refer them to my Reduction of *Hartgill's tables*, wherein is above 360 fixed stars calculated in longitude, latitude, magnitude, with their names, natures, declination and right ascension, their aspects and their numbers in each constellation, with their rising and setting, culminating, and many necessary tables contained in the said book; the which book is very useful for *Artists*.

**Example.**

It hath happened several times when I have been in company, and falling into discourse of the wind this question hath been demanded of me, what reason I could shew that the wind should be so long in the north and in the northeast quarters, as it hath been this year 1658. for answer herunto let any one but view the suns ingress into ♊, with the beginning of the winter quarter, and most of the Lunations from thence to his entrance into ♋, and from his ingress into ♋ to the eclips of the sun, the 22 of May, at which time they began to separate from each other  you shall find that ♄ and ♀ all the time aforesaid were the strongest planets in the figures, and ♄ ruling the east wind, and ♀ the north wind, and both these being superiour planets, according to natural causes, the wind must needs sit in those parts: also you may see by the foregoing rules that it should sit in those parts as it did. If I should say no more, this might be enough to convince any rational man of the verity hereof, that the winds under God are subject to change their places according to the disposition of the stars and planets, but I shall willingly illustrate it a little further for the ease of the young learner, by the figure of the suns ingress into ♋, those that please may erect the figure; the Position is thus,

h. s. d. m.				h. s. d. m.						
The first six houses	{	10	♊	16 0	{	4	♋	16 0	The planets places	
		11	♋	1 58		5	♌	1 58		
		12	♌	4 30		6	♍	4 30		
		ascend	♍	8 42		7	♎	8 42		
		2	♎	15 49		8	♏	15 49		
	{	3	♏	2 59		{	9	♐	2 59	
								♑ 16 7 = R.		
								♒ 1 39 ♋		
								♓ 6 54 ♎		
								☉ 0 0 ♍		
								♀ 2 0 5 ♌		
								♂ 2 5 2 ♌		
								☽ 12 11 =		
								♊ 15 28 ♏		
								♈ 15 28 ♎		

Having viewed the figure, I find three planets in their Exaltations, viz. ♄ ♀ and ♃, therefore their essential dignities are alike equal; then I view which of them is in the best house of heaven, I find ♄ in the sixth and ♀ in the twelfth and

## Of the Windes.

and ♀ one, the cusp of the third, ♀ being best placed of the three, he is the most principal significator, and ♀ next to him, and ♀ last, the ♀ but newly separating out of the Orbs of ♀ his ☐, and applying to a ☐ of ♀ and ♀ basting also to a ☐ of ♀, those argue that the wind should sit in the north and northeast parts till the ☐ of ♀, and ♀ was over before ♀ could take any rule upon her for ♀ as is said before, rules the southern wind; for after the ☐ of ♀ and ♀ was over, and the eclips of the sun, the 22 of May which was the next new Moon after their ☐, then ♀ began to take the rule on her, and the wind to turn southerly, all this is known to be sufficiently true by many Seamen that could not stir out of the river, till the latter end of May, I shall name none in particular but the New-castle men and the Green-land fleet; for it is well known in London, that Coals were dearer at the Spring then in the Winter, and the Green-land fleet which used to go away at the beginning of May, could not go till toward the latter end, by reason of the wind being so long north and north east: but if you would judge more particularly of the winds shifting his place, you must erect a figure for every new and full Moon and her quarters likewise, besides the figures of the suns ingress into his cardinal points, in all which figures you must seek out the Almuten, and the other cosignificators, if there be any, and judge according to the foregoing rules. I could have added many more examples, but I think I have said enough to instruct any ingenious person, before I conclude I shall adde the Asterisms or constellations of the signs with the Planets natures, because they will be a help to the foregoing rules in judging of the change of the air.

## Of the 12 Signs and their division, nature, and quality.

I need not to stand here to shew you the names and characters of the signs, since I have done it already at the beginning of the book; but here I shall shew you their Astronomical division, as they have relation to the four Elements, whereby their natures and properties may in some measure appear.

♈ ♈ ♈ are fiery, hot and dry, and are therefore called the fiery Triplicity.

♉ ♉ ♉ are cold, dry, and earthy, and are called the earthy Triplicity.

♊ ♊ ♊ are airy, hot, and moist, which make the airy Triplicity.

♋ ♋ ♋ are cold, moist, and watry, and are named the watry Triplicity.

The signs are again divided into moveable, fixed and common, the moveable are ♈, ♊, ♌, ♍, the fixed ♉, ♋, ♏, ♎, the common ♈, ♏, ♌, ♍.

## Of the Windes.

♈, ♊, ♌, they are called moveable, because that when the sun enters those signs, the season and temperature of the weather soon change; fixed, because when the sun enters them, the temper of the air is more fixed and stable; and lastly they are called common, because they partake both of the preceding and consequent sign.

But herein note that the moveable signs, behold each other with ☐, and the fixed behold each other with ☐, and the common behold each other with ☐, the fiery signs behold each other with △, the earthy signs behold each other with △, so likewise the airy and the watry, &c. Which this table following will inform you more at large.

The Table.

	♈	♊	♌	♍		♈	♊	♌	♍		♈	♊	♌	♍		♈	♊	♌	♍		♈	♊	♌	♍
Dexter	♈	♊	♌	♍		♈	♊	♌	♍		♈	♊	♌	♍		♈	♊	♌	♍		♈	♊	♌	♍
♎																								
Sinister	♎	♏	♐	♑		♎	♏	♐	♑		♎	♏	♐	♑		♎	♏	♐	♑		♎	♏	♐	♑
Dexter	♎	♏	♐	♑		♎	♏	♐	♑		♎	♏	♐	♑		♎	♏	♐	♑		♎	♏	♐	♑
♒																								
Sinister	♒	♓	♔	♕		♒	♓	♔	♕		♒	♓	♔	♕		♒	♓	♔	♕		♒	♓	♔	♕
Dexter	♒	♓	♔	♕		♒	♓	♔	♕		♒	♓	♔	♕		♒	♓	♔	♕		♒	♓	♔	♕
♖																								
Sinister	♖	♗	♘	♙		♖	♗	♘	♙		♖	♗	♘	♙		♖	♗	♘	♙		♖	♗	♘	♙
Dexter	♖	♗	♘	♙		♖	♗	♘	♙		♖	♗	♘	♙		♖	♗	♘	♙		♖	♗	♘	♙
♚																								
Sinister	♚	♛	♜	♝		♚	♛	♜	♝		♚	♛	♜	♝		♚	♛	♜	♝		♚	♛	♜	♝
Dexter	♚	♛	♜	♝		♚	♛	♜	♝		♚	♛	♜	♝		♚	♛	♜	♝		♚	♛	♜	♝
♞																								
Sinister	♞	♟	♠	♡		♞	♟	♠	♡		♞	♟	♠	♡		♞	♟	♠	♡		♞	♟	♠	♡
Dexter	♞	♟	♠	♡		♞	♟	♠	♡		♞	♟	♠	♡		♞	♟	♠	♡		♞	♟	♠	♡
♢																								
Sinister	♢	♣	♤	♥		♢	♣	♤	♥		♢	♣	♤	♥		♢	♣	♤	♥		♢	♣	♤	♥
Dexter	♢	♣	♤	♥		♢	♣	♤	♥		♢	♣	♤	♥		♢	♣	♤	♥		♢	♣	♤	♥

The use of this table is very easie, as thus, you may observe ♈ is in ♈ dexter to ♈, and ♈ sinister to ♈, and in ♈ dexter to ♈, and ♈ sinister to ♈, observe the like in the rest, where note a planet in ♈ beholds another planet if he be in the same signs, with the like aspects, so they be within the half of each others Orb, as thus, a planet in ♈ beholds another in ♈ with ♈ dexter, and so of the rest.

There are other divisions of the signs used by Astrologers as humane Bestial feral, but because they pertain not to my purpose here, I willingly omit them, but if any desire to be further satisfied of them, I refer them to these Tracts in the English tongue, *Various judgment of the stars*, *Seals Introduction* to his Ephemeris, *Mr. Lillies Introduction*, and my kinsman *John Gadbury* in his Tract of Nativities. Now to return to speak of the Asterisms.

## Of the Windes.

But because the fixed stars are now removed out of one sign into another, it cometh to pass that the natures and properties of the signs are much changed since the time of *Ptolomie* and the *Ancients*; I shall therefore in this place set down the nature and properties of the several parts of each constellation, according to the latest observations of the best Astronomers, forasmuch as the latest *Observer* gave the beginning of the constellation of  $\gamma$  at the 28 deg. thereof, know that in *Tycho's* time and others since him, the first star of  $\gamma$  was in that deg. but now it is in the 29 deg. therefore now we ought to begin at the 29 deg. and as the beginning of this *Asterism* is moved forward, so are all the rest.

The *Asterism* or constellation of  $\gamma$  beginneth at the 29 deg. thereof, and extendeth to the 19 deg. of  $\delta$ , in these our days, which is divided into three parts or faces, retaining different qualities in themselves; the former part of this constellation moves wind and showers, yet more gently than in the time of *Ptolomy* and the *Ancients*; the middle part is temperate, inclining to heat and dryness, but the latter part is more inclined to warmth, and this is meant in respect of the *Ecliptique* line, but the *Zodiack* having latitude on either side, it is found by observation that that part of this *asterism* beyond the *ecliptick*-line northward, is more hot and hurtful, for that many stars there being of the nature of  $\delta$  and  $\phi$ , but the southern part is cold, caused by the stars their places, of the nature of  $\theta$ .

The constellation of  $\delta$  begins at the 19 deg. and extends to the 16 deg. of  $\pi$ , in the former part thereof are *Pleiades* stars of a tempestuous and hurtful nature; the middle part is temperate and somewhat moist; the latter part wherein (wherein is the stars called *Hyades*) is hot and sultry, portending lightnings, corruscations, and the like: the north part is temperate, but the south part of a different nature.

The constellation of  $\pi$  begins at the 16 deg. of  $\pi$  and reacheth to the 25 deg. of  $\sigma$ , the former part is moist and humid, the middle temperate, the latter part unconstant, but inclining to dryness; the north part stirreth up winds, but the south part dryness.

The constellation of  $\sigma$ , beginneth at the 25 deg. and stretcheth to the 14 deg. of  $\omega$ , the former part (where is *Prespe* and the *Affili*) is dry, but the middle and latter parts inclineth to great heat, and serenity: the north part is hot, dry and fiery, the south part *astuous*, and hurtful.

The constellation of  $\omega$  beginneth at the 14 deg. and ends at the 17 deg. of  $\mu$ , the middle and latter parts are temperate: the north part is fiery, various, and unconstant, the south part moist.

The constellation of  $\mu$  begins at the 17 deg. of  $\mu$ , and extends to the 7 deg. of  $\nu$ , the former part is hot and hurtful, the middle part tempestuous

## Of the Windes.

pestuous and warry, the latter part moist, the north part windy, and the south part temperate.

The constellation of  $\nu$  doth commence at the 7 deg. of  $\nu$ , and determines at the 28 deg. thereof, the former part brings driness, the middle part, temperate, the third degree, part showers, the north part windy, the south part pestilent, dry and mortiferous air.

The constellation of  $\nu$  begins at 28 deg. of  $\nu$ , and is prolonged to the 27 deg. of  $\zeta$ , the beginning ingenders snow, the middle part is temperate, the last turbulent; the north part is hot, the south part moist.

The constellation of  $\zeta$  is intercepted between the 27 deg. of  $\zeta$  and 29 deg. of  $\psi$ , the degrees of the former *decade*, are of nature cold and moist, the middle cold, the latter degrees are hot and fiery, the north part is windy, the south part moist and unconstant.

The constellation of  $\psi$  initiateth at 29 deg. of  $\psi$ , and extendeth to the 22 deg. of  $\omega$ , the beginning whereof is hot and noisome, the middle is temperate, the latter part rainy, and the south part moist and hurtful.

The constellation of  $\omega$  extendeth from the 22 deg. of  $\omega$  to the 16 deg. of  $\chi$ , the former part of this *Asterism* is moist, the middle temperate, the latter part windy, the north part hot and sultry, but the latter part produceth winds and snow.

The constellation of  $\chi$ , taketh beginning at 16 deg. of  $\chi$ , and extends to the 29 deg. of  $\gamma$ , namely to the star called the *rams horn*; the former part of this *Asterism* is cold, the middle part moist, the latter part warm, northern part windy, and the southern part moist and waterish.

And these are the natural qualities of the constellation in themselves, which are diligently to be observed in giving judgement of the constitution of the air, when as the planets pass under them.

### Of the natural Signification of the Planets.

*Saturn* the highest of the Planets is a star of a Pole, leaden, and swarthy colour, and is of nature cold and dry, making the air cold and cloudy, when he bears dominion, when he is *Occidental* he often bringeth dry weather, when *Oriental*, a cold and nipping time, generally when he rules, he causeth thick clouds, ice, tempests on the sea, and in other rivers overflowings in winter, frost and snow, he changeth the seasons of the year oft from their natural qualities by the coldness of his nature: he remitteth summers heat, and increaseth winters cold: he signifieth diseases, according to his nature of a cold, dry and long continuance, deflux of humors, the pestilence, and penury of all things necessary for the life of man, for of himself he is a planet very prone and destructive to nature.

*Jupiter* is temperately warm and somewhat moist, for when he is *Occidental* he maketh the air warm and temperate, but when *Oriental*, he brings

*Of the Windes.*

brings forth gentle rain, generally he produceth serenity; and a pleasing temperature of air, he moveth the northern winds, *salubrious* for *Animals*, and meet for the preservation of herbs and plants: he moderateth the inward qualities aswel of *Summers* heat as *Winters* cold, and bringeth sweet and wholesom flowers; when he is well disposed, he promisetht fertility of all things, but when evil placed (being then as a stranger cast out of his place, and afflicted of the evil planets) his sweet and gentle qualities are thereby much remitted, *Mars* is the next primary planet above the orb of the earth, and ever appears of a red and fiery colour, according to his nature, and all times when he rules, he brings immoderate heat, and scorseth the fruits of the earth, he moveth hot and pestiferous winds, and brings tempests, hail and lightning; being with ♄, it portends turbulent winds, threatening ship-wrack, dangerous seas, tempests and calamities upon the sea, but of his own nature he sheweth diminution of the waters, the drying up of springs and rivers, excessive heat and drougthy weather, he intendeth summers heat, and remitteth winters cold, he destroyeth such living creatures as serve for the use of man, and brings scarcity of fruits, he ingenders hot and dry diseases, sharp tertian fevers, eruptions of blood, inflammations, pestiferous sickness sudden deaths, and other maladies, proceeding from his *maleficus* and *distempere* nature.

The sun is the general signifier of the change of seasons, for his access to us, and departing from us (here I speak according to appearance) doth. he by his natural quality, vary the seasons of the year, and causeth spring, summer, harvest, and winter, which always retain their natural qualities, unless restrained by his congress, and meeting with the other planets and stars, which oftentimes cause the seasons to vary much from their natural temperature: he is temperately warm and dry, sometimes he brings clouds, by dissolving and attracting gross vapors from the body of the earth, and being well placed and accompanied with other signifiers of his nature, it promiseth serenity and fruitfulness of all things. *Venus*, the next primary planet within the earths orb is (in respect of her vicinity to the earth) a planet of a very fulgent aspect, when she is oriental, she more inclines to moisture, then at other times, and most to heat, when she is occidental, she produceth temperate winds and gentle showers of rain, promiseth health to living creatures, very great plenty of fruits, fruitfulness of plants and trees, and all things with felicity, for she is of the nature of ♀. free and bountiful.


*Mercury*, the next primary planet to the ☉, as he is of nature variable and doubtfull, so he disposeth the air, according to the disposition of the planet joyned with him, yet he oft inclineth the season to drought, for his fre-

*Of the Windes.*

frequent abroad under the beams of the ☉, and vicinity to him, especially when he is Occidental, but when he is Oriental, he bringeth heat, when he rules alone, he presageth turbulent high winds, and variable weather, sometimes rain, hail, lightning, tempests, especially when he is joyned or beheld of the infortunes, being evil disposed, he portends dangerous sea-voyages, many diseases, consumptions, coughs, diseases of the breast, convulsions, the falling sickness, frenzies and the like, *sed cum bonis bona discernit.*

The moon moistneth, when she is Occidental especially, and a little inclineth to heat; she varieth the quality of the air, and changeth it every moneth, for her various habitude and application to the sun and other stars, neither is she altogether to be excluded from particular signification of the time, especially mixing her influence with another significator: in a word, she alters the air at all times, according to the nature of that part of the Asterism wherein she is, and according to the nature of the planet beholding, or joyned with her, from her conjunction with the sun, to her first ☐, she naturally maketh the air cold and moist, from first ☐ to ☿ she exciteth to heat and moisture; from ☿ to the second ☐, unto dryness; and from her second ☐ to ♀, she inclineth it to cold and dryness.

***The Planets by some are called by other Names.***

As {  } Is called { Chronus and Falcifer,  
Zeus and Phacton,  
Gradivus, Piron, Aris,  
Titan, Phabus, Apollo,  
Cytherea, Aphrodite, Ercina, Phosphoros,  
Hermes, Stilbon, Cylennius, Arches, (Serpina.  
Cynthia, Phæbe, Lucina, Diana, Latona, Norticula, Pro-

### Of the Weather.

It is not my task at present to treat of the weather, however to further the young learner, I shall willingly adde a word or two in general thereof, with a table; also the rules in general are these, and herein I shall follow that learned Mathematician John Stofler. First at the time of the ☿ or ♀ of the Iuniaries, observe the planet that shall be Lord and Almuten, for according to his quality and nature will the season be inclined; secondly, to consider the sign which the said lord possesseth, with his nature and quality; thirdly, to observe the sign ascending, the nature, and

# Of the Weather.

of what mansion of the D it is; fourthly the places of the planet both in the Zodiack, and the Celestial houses, whether they be in angles or elsewhere; fifthly to observe next after the ☿, ☊, or ♀ to what planet the D first joyneth to, or aspects, and lastly to consider to which of the planets, or fixed stars, the Lord is first joyned, or of whom he is beheld, these things being well considered, judgement must then beedfully be given, namely if the Lord of the ☿ ☊ or ♀ be of a moist nature, and the planets in moist places, and the said Lord shall also be joyned to stars or planets of a moist nature, and the D after separation shall conjoyn, or have aspect with a moist planet, the nature of the time will be wet and rainy, if all incline to driness, judge of drought, if to warmth pronounce hot weather, if to cold, cold weather.

The nature of the time shall then chiefly be moved when the D after ☿ ☊ or ♀, shall be joyned by body or any strong aspect to the significator.

And when the D shall come to the sign ascending of the ☿ ☊ or ♀, the time shall be changed, according to the quality and nature of the sign, and asterism.

A general table for the Weather.

	D	☿	♀	☊	♂	♂	♂
H	moist remiss cloudy snow	wind and rain wind snow	cold rain misting cold rain rain or f.	cold rain hail thun wind - warm	thunder hail stormy remiss	wind rain thun.ligh wind rain turbu.air	spring summ. autum winter
♂	of the quality of the sign	windy thunder moist temperat.	very temperate	wind thunder wind remiss	turbul. thunder windy temper.	spring summer autumn winter	
♂	hail heat intemp variab	rain snow thun.hz wind sn.	rain mists rain-like remiss	dry wind thunder dry wind warm	spring summer autumn winter		
☊	accord. to the time & predo. planet	wind & some-times rain	moist thunder rain mists	spring summer autumn winter			
♀	rain cold cloudy snow	showers rain variable moist	spring summer autumn winter				
♀	variabl. of the nature of the sign	spring summer autumn winter					

## A Table of Houses for the Latitude of 51 deg. 32 min.

### Sol in Aries.

Time from Noon.	10	11	12	Ascend	2	3
ho. mi.	☿	♂	♂	☊	♂	♂
0 0	0	12 39	28 27	26 40	15 54	4 26
0 4	1	13 49	29 18	27 21	16 34	5 13
0 7	2	14 59	0 9	28 1	17 14	5 59
0 11	3	16 8	0 59	28 41	17 55	6 46
0 15	4	17 17	1 49	29 21	18 35	7 32
0 18	5	18 25	2 38	0 1	19 15	8 19
0 21	6	19 33	3 27	0 40	19 36	9 6
0 26	7	21 41	4 15	1 20	20 36	9 53
0 29	8	21 47	5 4	2 0	21 16	10 39
0 33	9	22 53	5 52	2 39	21 57	11 26
0 37	10	23 58	6 40	3 19	22 37	12 13
0 40	11	25 4	7 27	3 58	23 17	13 0
0 44	12	26 8	8 15	4 38	23 58	13 47
0 48	13	27 12	9 2	5 17	24 38	14 35
0 51	14	28 16	9 48	5 56	25 19	15 22
0 55	15	29 20	10 35	6 36	26 0	16 9
0 59	16	0 23	11 21	7 15	26 40	16 57
1 3	17	1 25	12 7	7 55	27 21	17 44
1 6	18	2 27	12 53	8 34	28 2	18 32
1 10	19	3 29	13 39	9 13	28 43	19 20
1 14	20	4 30	14 24	9 53	29 24	20 7
1 18	21	5 31	15 9	10 32	0 48	20 55
1 21	22	6 32	15 55	11 12	1 27	21 43
1 25	23	7 32	16 40	11 52	2 9	22 31
1 29	24	8 32	17 25	12 31	2 50	23 18
1 33	25	9 32	18 10	13 11	3 32	24 57
1 36	26	10 32	18 55	13 51	4 13	25 45
1 40	27	11 30	19 39	14 30	4 55	26 34
1 44	28	12 29	20 24	15 10	5 37	27 23
1 48	29	13 27	21 9	15 50	6 19	28 12
1 52	30	14 26	21 53	16 30		

*A Table of Houses for the Latitude of 51 deg. 32 min.*

*Sol in Taurus.*

Time from Noon. ho. mi.	10 ♈		11 ♉		12 ♊		Ascend ♈		2 ♉		3 ♊	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
1 52	0		14	26	21	53	16	30	6	19	28	12
1 55	1		15	23	22	38	17	10	7	1	29	1
1 59	2		16	21	23	22	17	50	7	43	29	50
2 3	3		17	19	24	6	18	31	8	26	0	40
2 7	4		18	16	24	51	19	11	9	8	1	29
2 11	5		19	13	25	35	19	51	9	51	2	19
2 15	6		20	10	26	20	20	32	10	34	3	8
2 19	7		21	6	27	4	21	13	11	17	3	58
2 22	8		22	2	27	48	21	53	12	0	4	48
2 26	9		22	59	28	33	22	34	12	43	5	39
2 30	10		23	55	29	17	23	15	13	26	6	29
2 34	11		24	51	0	♈	2	56	14	10	7	19
2 38	12		25	46	0	46	24	38	14	53	8	10
2 42	13		26	42	1	31	25	19	15	37	9	1
2 46	14		27	37	2	15	26	0	16	21	9	51
2 50	15		28	33	3	0	26	42	17	5	10	42
2 54	16		29	28	3	44	27	24	17	49	11	34
2 58	17		0	♈	23	4	29	28	18	33	12	25
3 2	18		1	18	5	14	28	48	19	18	13	16
3 6	19		2	13	5	59	29	30	20	2	14	8
3 10	20		3	8	6	43	0	♈	12	20	47	59
3 14	21		4	2	7	28	0	54	21	32	15	51
3 18	22		4	57	8	14	1	37	22	17	16	43
3 22	23		5	51	8	59	2	20	23	2	17	35
3 26	24		6	45	9	44	3	2	23	48	18	27
3 31	25		7	40	10	29	3	45	24	33	19	19
3 35	26		8	35	11	15	4	21	25	19	20	12
3 39	27		9	29	12	0	5	12	26	4	21	4
3 43	28		10	23	12	46	5	55	26	50	21	57
3 47	29		11	18	13	31	6	39	27	36	22	49
3 51	30		12	12	14	17	7	12	28	22	23	42

*A Table of Houses for the Latitude of 51 deg. 32 min.*

*Sol in Gemini.*

Time from Noon. ho. mi.	10 ♊		11 ♋		12 ♌		Ascend ♋		2 ♌		3 ♍	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
3 51	0		12	12	14	17	7	22	28	22	23	42
3 55	1		13	6	15	3	8	6	29	9	24	35
4 0	2		14	0	15	49	8	50	29	55	25	28
4 4	3		14	55	16	35	9	34	0	♈	42	26
4 8	4		15	49	17	21	10	18	1	28	27	15
4 12	5		16	43	18	7	11	2	2	15	28	8
4 16	6		17	37	18	54	11	47	3	2	29	1
4 21	7		18	31	19	40	12	31	3	49	29	55
4 25	8		19	25	20	27	13	16	4	36	0	48
4 29	9		20	20	21	14	14	1	5	23	1	42
4 33	10		21	14	22	0	14	46	6	10	2	36
4 38	11		22	7	22	47	15	31	6	58	3	30
4 42	12		23	2	23	34	16	16	7	45	4	24
4 46	13		23	56	24	21	17	1	8	33	5	18
4 51	14		24	50	25	8	17	46	9	20	6	11
4 55	15		25	45	25	55	18	32	10	8	7	5
4 59	16		26	39	26	43	19	17	10	56	8	0
5 3	17		27	33	27	30	20	3	11	44	8	54
5 8	18		28	27	28	18	20	48	12	31	9	48
5 12	19		29	22	29	5	21	34	13	19	10	42
5 16	20		0	♈	16	29	22	20	14	7	11	36
5 21	21		1	10	0	♈	40	23	6	14	55	31
5 25	22		2	5	1	28	23	52	15	43	13	25
5 29	23		2	59	2	16	24	38	16	31	14	19
5 34	24		3	53	3	4	25	24	17	19	15	14
5 38	25		4	48	3	52	26	10	18	8	16	8
5 43	26		5	42	4	40	26	56	18	56	17	2
5 47	27		6	37	5	28	27	42	19	44	17	57
5 51	28		7	31	6	16	28	28	20	32	18	51
5 56	29		8	25	7	4	29	14	21	20	19	46
6 0	30		9	20	7	51	30	0	22	8	20	40

*A Table of Houses for the Latitude of 51 deg. 32 min.*

*Sol in Cancer.*

Time from Noon. ho. mi.	10 ♋		11 ♌		12 ♍		Ascend ♎		2 ♏		3 ♐	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
6 0	0		9	20	7	52	0	0	22	8	20	40
6 4	1		10	14	8	40	0	46	22	56	21	34
6 9	2		11	9	9	28	1	32	23	44	22	29
6 13	3		12	3	10	16	2	18	24	32	23	23
6 17	4		12	58	11	4	3	4	25	20	24	18
6 22	5		13	52	11	52	3	50	26	8	25	12
6 26	6		14	46	12	40	4	36	26	56	26	7
6 31	7		15	41	13	29	5	22	27	44	27	1
6 35	8		16	35	14	17	6	8	28	32	27	55
6 39	9		17	29	15	5	6	54	29	20	28	50
6 44	10		18	24	15	53	7	40	0 m	7	29	44
6 48	11		19	18	16	41	8	26	0	55	0	38
6 52	12		20	12	17	29	9	12	1	42	1	33
6 57	13		21	6	18	16	9	57	2	30	2	27
7 1	14		22	0	19	4	10	43	3	17	3	21
7 5	15		22	55	19	52	11	28	4	5	4	15
7 9	16		23	49	20	40	12	14	4	52	5	9
7 14	17		24	42	21	27	12	59	5	39	6	4
7 18	18		25	36	22	15	13	44	6	26	6	58
7 22	19		26	30	23	2	14	29	7	13	7	53
7 27	20		27	24	23	50	15	14	8	0	8	46
7 31	21		28	18	24	37	15	59	8	46	9	40
7 35	22		29	12	25	24	16	44	9	33	10	35
7 39	23	0	30	5	26	11	17	29	10	20	11	29
7 44	24	0	31	59	26	28	18	13	11	6	12	27
7 48	25	1	32	52	27	45	18	58	11	53	13	17
7 52	26	2	33	45	28	32	19	42	12	39	14	14
7 56	27	3	34	39	29	18	20	26	12	25	15	5
8 0	28	4	35	32	0	5	21	10	14	11	16	4
8 5	29	5	36	25	0	51	21	54	14	57	16	54
8 9	30	6	37	18	1	38	22	38	15	43	17	48

*A Table of Houses for the Latitude of 51 deg. 32 min.*

*Sol in Leo.*

Time from Noon. ho. mi.	10 ♌		11 ♍		12 ♎		Ascend ♏		2 ♐		3 ♑	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
8 9	0		6	18	1	38	22	38	15	43	17	48
8 13	1		7	11	2	24	23	21	16	29	18	42
8 17	2		8	3	3	10	24	4	17	14	19	37
8 21	3		8	56	3	56	24	48	18	0	20	31
8 25	4		9	48	4	41	25	31	18	45	21	25
8 29	5		10	41	5	27	26	15	19	31	22	20
8 34	6		11	33	6	12	26	58	20	16	23	14
8 38	7		12	25	6	58	27	40	21	1	24	9
8 42	8		13	17	7	43	28	23	21	46	25	3
8 46	9		14	9	8	28	29	6	22	32	25	58
8 50	10		15	1	9	13	29	48	23	17	26	52
8 54	11		15	52	9	58	0 m	30	24	1	27	47
8 58	12		16	44	10	42	1	12	24	46	28	42
9 2	13		17	35	11	27	1	54	25	31	29	37
9 6	14		18	26	12	11	2	36	26	16	0	32
9 10	15		19	18	12	55	3	18	27	9	1	27
9 14	16		20	9	13	19	4	0	27	45	2	23
9 18	17		20	59	14	23	4	41	28	29	3	18
9 22	18		21	50	15	7	5	22	29	14	4	14
9 26	19		22	41	15	50	6	4	29	58	5	9
9 30	20		23	31	16	34	6	45	0	43	6	5
9 34	21		24	21	17	17	7	26	1	27	7	1
9 38	22		25	12	18	0	8	7	2	12	7	58
9 41	23		26	2	18	43	8	47	2	56	8	54
9 45	24		26	52	19	26	9	28	3	40	9	50
9 49	25		27	41	20	29	10	9	4	25	10	47
9 53	26		28	30	20	52	10	49	5	9	11	44
9 57	27		29	20	21	34	11	29	5	54	12	41
10 1	28	0	30	10	22	17	12	10	6	38	13	39
10 5	29	0	31	49	22	59	12	50	7	22	14	37
10 8	30	1	32	48	23	41	13	30	8	7	15	34

*A Table of Houses for the Latitude of 51 deg. 32 min.*

*Sol in Virgo.*

Time from Noon. ho. mi.	10		11		12		Ascend		2		3	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
10 8	0		1	48	23	41	13	30	8	7	15	34
10 12	1		2	37	24	23	14	10	8	51	16	33
10 16	2		3	26	25	5	14	50	9	36	17	31
10 20	3		4	15	25	48	15	30	10	21	18	30
10 24	4		5	3	26	28	16	9	11	5	19	29
10 27	5		5	52	27	10	16	49	11	50	20	28
10 31	6		6	40	27	51	17	29	12	35	21	28
10 35	7		7	29	28	33	18	8	13	20	22	28
10 39	8		8	17	29	14	18	48	14	5	23	28
10 42	9		9	5	29	55	19	28	14	51	24	29
10 46	10		9	53	0 m	36	20	7	15	36	25	30
10 50	11		10	40	1	17	20	47	16	21	26	31
10 54	12		11	28	1	58	21	26	17	7	27	33
10 57	13		12	16	2	39	22	5	17	53	28	35
11 1	14		13	3	3	20	22	45	18	39	29	37
11 5	15		13	51	4	0	23	24	19	25	0	40
11 9	16		14	38	4	41	24	4	20	12	1	44
11 12	17		15	25	5	22	24	43	20	58	2	48
11 16	18		16	13	6	2	25	22	21	45	3	52
11 20	19		17	0	6	43	26	2	22	33	4	56
11 23	20		17	47	7	23	26	41	23	20	6	2
11 27	21		18	34	8	3	27	21	24	8	7	7
11 31	22		19	21	8	49	28	0	24	56	8	13
11 34	23		20	7	9	24	28	40	25	44	9	20
11 38	24		20	54	10	4	29	20	26	33	10	27
11 42	25		21	41	10	45	29	59	27	22	11	33
11 45	26		22	28	11	25	0	7	28	11	12	43
11 49	27		23	14	12	5	1	19	29	1	13	52
11 53	28		24	1	12	46	1	59	29	51	15	1
11 56	29		24	47	13	26	2	39	0	42	16	11
12 0	30		25	34	14	6	3	19	1	33	17	21

*A Table of Houses for the Latitude of 51 deg. 32 min.*

*Sol in Libra.*

Time from Noon. ho. mi.	10		11		12		Ascend		2		3	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
12 0	0		25	34	14	6	3	20	1	33	17	21
12 4	1		26	20	14	47	4	0	2	24	18	32
12 7	2		27	7	15	27	4	40	3	16	19	44
12 11	3		27	53	16	7	5	21	4	9	20	56
12 15	4		28	40	16	48	6	2	5	2	22	8
12 18	5		29	26	17	28	6	43	5	55	23	21
12 22	6		0 m	12	18	9	7	24	6	49	24	35
12 26	7		0	59	18	49	8	5	7	44	25	50
12 29	8		1	45	19	30	8	46	8	40	27	4
12 33	9		2	31	20	10	9	28	9	36	28	20
12 37	10		3	18	20	51	10	10	10	32	29	36
12 40	11		4	4	21	32	10	52	11	30	0	53
12 44	12		4	51	22	13	11	34	12	28	2	10
12 48	13		5	37	22	54	12	17	13	27	3	28
12 51	14		6	24	23	35	13	0	14	27	4	47
12 55	15		7	10	24	16	13	43	15	27	6	5
12 59	16		7	57	24	57	14	27	16	29	7	25
13 3	17		8	43	25	39	15	10	17	31	8	45
13 6	18		9	30	26	20	15	54	18	55	10	6
13 10	19		10	17	27	2	16	39	19	39	11	27
13 14	20		11	3	27	44	17	24	20	44	12	49
13 18	21		11	50	28	26	18	9	21	51	14	11
13 21	22		12	37	29	8	18	54	22	58	15	34
13 25	23		13	24	29	50	19	40	24	7	16	57
13 29	24		14	11	05 13	33	20	27	25	17	18	21
13 33	25		14	58	1	16	21	13	26	28	19	45
13 36	26		15	45	1	59	22	1	27	41	21	9
13 40	27		16	33	2	42	22	49	28	54	22	34
13 44	28		17	20	3	25	23	37	0	9	23	59
13 48	29		18	7	4	8	24	26	1	26	25	25
13 52	30		18	55	4	52	25	15	2	44	26	50

*A Table of Houses for the Latitude of 51 deg. 32 min.*

**Sol in Scorpio.**

Time from Noon. ho. mi.	10		11		12		Ascend		2		3	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
13 52	0		18 55	4	52		25 15		2 44		26 50	
13 55	1		19 43	5	36		26 5		4 3		28 16	
13 59	2		20 31	6	20		26 56		5 24		29 43	
14 3	3		21 19	7	5		27 47		6 47		1 ♃ 9	
14 7	4		22 7	7	50		28 39		8 11		2 36	
14 11	5		22 55	8	35		29 31		9 37		4 3	
14 15	6		23 43	9	20		0 ♃ 24		11 5		5 30	
14 19	7		24 31	10	6		1 19		12 34		6 58	
14 22	8		25 20	10	52		2 13		14 6		8 25	
14 26	9		26 9	11	38		3 9		15 39		9 32	
14 30	10		26 58	12	25		4 5		17 14		11 20	
14 34	11		27 47	13	12		5 3		18 51		12 47	
14 38	12		28 37	13	59		6 2		29 30		14 15	
14 42	13		29 26	14	47		7 1		22 11		15 15	
14 46	14		0 ♃ 16	15	35		8 1		23 54		17 9	
14 50	15		1 6	16	23		9 2		25 39		18 36	
14 54	16		1 56	17	12		10 5		27 26		20 3	
14 58	17		2 46	18	2		11 9		29 14		21 30	
15 2	18		3 37	18	52		12 13		1 ♃ 5		22 56	
15 6	19		4 27	19	42		13 20		2 58		24 23	
15 10	20		5 18	20	33		14 27		4 53		25 48	
15 14	21		6 9	21	24		15 36		6 49		27 14	
15 18	22		7 1	22	16		16 46		8 47		28 40	
15 22	23		7 52	23	8		17 58		10 47		0 ♃ 4	
15 26	24		8 44	24	1		19 12		12 49		1 29	
15 31	25		9 36	24	54		20 27		14 52		2 53	
15 36	26		10 28	25	48		21 44		16 57		4 17	
15 39	27		11 21	26	43		23 2		19 3		5 41	
15 43	28		12 14	27	38		24 23		21 10		7 3	
15 47	29		13 7	28	34		25 46		23 18		8 26	
15 51	30		14 1	29	31		27 10		25 27		9 48	

*A Table of Houses for the Latitude of 51 deg. 32 min.*

**Sol in Sagittary.**

Time from Noon. ho. mi.	10		11		12		Ascend		2		3	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
15 51	0		14 1		29 31		27 10		25 27		9 48	
15 55	1		14 54		0 ♃ 28		28 37		27 36		11 9	
16 0	2		15 48		1 27		0 ♃ 6		29 46		12 30	
16 4	3		16 43		2 25		1 37		1 ♃ 57		13 51	
16 8	4		17 37		3 25		3 11		4 7		15 11	
16 12	5		18 32		4 25		4 47		6 18		16 30	
16 16	6		19 27		5 27		6 26		8 29		17 49	
16 21	7		20 23		6 29		8 7		10 39		19 7	
16 25	8		21 19		7 32		9 51		12 49		20 25	
16 29	9		22 15		8 34		11 38		14 58		21 42	
16 33	10		23 12		9 41		13 28		17 6		22 59	
16 38	11		24 9		10 47		15 21		19 13		24 15	
16 42	12		25 6		11 44		17 17		21 19		25 30	
16 46	13		26 4		13 2		19 16		23 24		26 45	
16 51	14		27 2		14 11		21 19		25 27		28 0	
16 55	15		28 0		19 21		23 24		27 29		29 13	
16 59	16		28 59		16 33		25 32		29 29		0 II 26	
17 3	17		29 58		17 45		27 44		1 ♃ 28		1 39	
17 8	18		0 ♃ 58		18 59		29 59		3 24		2 51	
17 12	19		1 58		20 14		2 16		5 19		4 2	
17 16	20		2 58		21 31		4 37		7 13		5 13	
17 21	21		3 59		22 49		7 0		9 4		6 24	
17 25	22		5 0		24 8		9 26		10 53		7 32	
17 29	23		6 2		25 29		11 55		12 41		8 43	
17 34	24		7 4		26 52		14 25		14 26		9 51	
17 38	25		8 7		28 16		16 58		16 10		11 0	
17 43	26		9 10		29 41		19 32		17 52		12 7	
17 47	27		10 14		1 ♃ 9		22 8		19 31		13 14	
17 51	28		11 18		2 37		24 45		21 9		14 21	
17 56	29		12 22		4 8		27 22		22 45		15 27	
18 0	30		13 27		5 40		30 0		24 19		16 33	

*A Table of Houses for the Latitude of 51 deg. 32 min.*

**Sol in Capricorn.**

Time from Noon. ho. mi.	10 ♊		11 ♋		12 ♌		Ascend ♍		2 ♎		3 ♏	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
18 0	0		13	27	5	41	0	0	24	20	16	33
18 4	1		14	34	7	15	2	38	25	52	17	38
18 9	2		15	39	8	51	5	15	27	23	18	42
18 13	3		16	46	10	29	7	52	28	51	19	46
18 17	4		17	53	12	8	10	28	0 II	19	20	50
18 22	5		19	0	13	50	13	2	1	44	21	53
18 26	6		20	9	15	34	15	35	3	8	22	56
18 31	7		21	17	17	19	18	5	4	31	23	58
18 35	8		22	27	19	7	20	34	5	53	25	0
18 39	9		23	36	20	56	23	0	7	11	26	1
18 44	10		24	47	22	47	25	23	8	29	27	2
18 48	11		25	58	24	41	27	44	9	46	28	2
18 52	12		27	9	26	36	0 ♂	1	11	1	29	2
18 57	13		28	21	28	32	2	16	12	15	0 ♄	2
19 1	14		29	33	0 ✕	31	4	28	13	27	1	1
19 5	15	0 ♊	47	2	31	6	36	14	39	2		0
19 9	16	2	0	4	33	8	41	15	49	2		58
19 13	17	3	15	6	36	10	44	16	58	3		56
19 18	18	4	30	8	41	12	43	18	6	4		54
19 22	19	5	45	10	47	14	39	19	13	5		51
19 27	20	7	1	12	54	16	32	20	19	6		48
19 31	21	8	18	15	2	18	22	21	24	7		45
19 35	22	9	35	17	11	20	9	22	28	8		41
19 39	23	10	53	19	21	21	53	23	31	9		37
19 44	24	12	11	21	31	23	34	24	33	10		33
19 48	25	13	30	23	42	25	13	25	35	11		28
19 52	26	14	49	25	51	26	49	26	35	12		23
19 56	27	16	9	28	3	28	23	27	35	13		17
20 0	28	17	30	0 ♊	14	29	54	28	33	14		12
20 5	29	18	51	2	24	1 II	23	29	32	15		6
20 9	30	20	12	4	33	2	50	0 ♄	29	16		0

*A Table of Houses for the Latitude of 51 deg. 32 min.*

**Sol in Aquarii.**

Time from Noon. ho. mi.	10 ♑		11 ♒		12 ♓		Ascend ♈		2 ♉		3 ♊	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
20 9	0		20	12	4	33	2	50	0	29	15	59
20 13	1		21	34	6	42	4	14	1	26	16	53
20 17	2		22	57	8	50	5	37	2	22	17	46
20 21	3		24	19	10	57	6	58	3	17	18	39
20 25	4		25	43	13	3	8	16	4	12	19	32
20 29	5		27	7	15	8	9	33	5	6	20	24
20 34	6		28	31	17	11	10	48	5	55	21	16
20 38	7		29	56	19	13	12	2	6	52	22	8
20 42	8	1 ✕	20	21	13	13	14	7	44	22	59	
20 46	9	2	46	23	12	14	23	8	36	23	51	
20 50	10	4	12	25	7	15	33	9	27	24	42	
20 54	11	5	37	27	2	16	40	10	18	25	33	
20 58	12	7	4	28	55	17	47	11	8	26	23	
21 2	13	8	30	0 ♂	46	18	51	11	58	27	14	
21 6	14	9	57	2	34	19	55	12	48	28	4	
21 10	15	11	24	4	21	20	58	13	37	28	54	
21 14	16	12	51	6	6	21	52	14	25	29	44	
21 18	17	14	18	7	49	22	59	15	13	0 ♄	34	
21 22	18	15	45	9	30	23	59	16	1	1	23	
21 26	19	17	13	11	9	24	57	16	48	2	13	
21 30	20	18	40	12	46	25	55	17	35	3	2	
21 34	21	20	8	14	21	26	51	18	22	3	51	
21 38	22	21	35	15	54	27	47	19	8	4	40	
21 41	23	23	2	17	26	28	41	16	54	5	28	
21 45	24	24	30	18	55	29	46	20	40	6	17	
21 49	25	25	57	20	23	0 ♄	29	21	25	7	5	
21 53	26	27	24	21	49	1	21	22	10	7	53	
21 57	27	28	51	23	13	2	13	22	55	8	41	
22 1	28	0 ♊	17	24	36	3	4	23	40	9	29	
22 5	29	1	44	25	57	3	55	24	24	10	17	
22 8	30	3	19	27	16	4	45	25	8	11	5	

*A Table of Houses for the Latitude of 51 deg. 32 min.*

*Sol in Pisces.*

Time from Noon.	10	11	12	Ascend	2	3
ho. mi.	♈	♉	♊	♋	♌	♍
d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.
22 8	0	3 10	27 16	4 45	25 8	11 5
22 12	1	4 35	28 34	5 34	25 52	11 53
22 16	2	6 1	29 51	6 23	26 35	12 40
22 20	3	7 26	1 II 6	7 11	27 18	13 27
22 24	4	8 51	2 19	7 59	28 1	14 15
22 27	5	10 15	3 32	8 47	28 44	15 2
22 31	6	11 39	4 43	9 33	29 27	15 49
22 35	7	13 3	5 53	10 20	0 10	16 36
22 39	8	14 26	7 2	11 6	0 52	17 23
22 42	9	15 49	8 9	11 51	1 34	18 10
22 46	10	17 11	9 16	12 36	2 16	18 57
22 50	11	18 33	10 21	13 21	2 58	19 43
22 54	12	19 54	11 25	14 6	3 40	20 30
22 57	13	21 15	12 29	14 50	4 21	21 17
23 1	14	22 35	13 31	15 33	5 3	22 3
23 5	15	23 54	14 33	16 17	5 54	22 50
23 9	16	25 15	15 33	17 0	6 25	23 36
23 12	17	26 32	16 33	17 43	6 7	24 23
23 16	18	27 50	17 32	18 26	7 47	25 9
23 20	19	29 7	18 30	19 8	7 28	25 56
23 23	20	0 24	19 28	19 50	8 9	26 42
23 27	21	1 40	20 24	20 32	9 50	27 29
23 31	22	2 55	21 20	21 14	10 30	28 15
23 34	23	4 10	22 16	21 55	11 11	29 1
23 38	24	5 25	23 11	22 36	11 51	29 48
23 42	25	6 39	24 5	23 17	12 32	0 34
23 45	26	7 52	24 58	23 58	13 12	1 20
23 49	27	9 4	25 51	24 39	13 53	2 7
23 53	28	10 16	26 44	25 20	14 33	2 53
23 56	29	11 28	27 36	26 0	15 13	3 40
24 0	30	12 39	28 27	26 40	15 54	4 27

*A Table of Houses for the Latitude of 13. degr. 0 min.*

*Sol in Aries.*

Time from noon.	10	11	12	Ascend	2	3
b. m. d.	♈	♉	♊	♋	♌	♍
b. m. d.	b. m. d.	b. m. d.	b. m. d.	b. m. d.	b. m. d.	b. m. d.
0 0	0 4	6 5	16 2	29		
0 4	1 5	7 6	5 3	17		
0 7	2 6	8 6	5 9	3 1		
0 11	3 7	9 7	4 5	4 2		
0 15	4 8	10 8	3 5	5 3		
0 18	5 9	11 9	2 5	6 4		
0 22	6 10	12 10	1 5	7 5		
0 26	7 10	12 11	5 8	6		
0 29	8 11	13 11	5 5	9 7		
0 33	9 12	14 12	4 5	9 8		
0 37	10 13	15 13	3 5	10 9		
0 40	11 14	16 14	2 5	11 10		
0 44	12 15	17 15	1 5	12 11		
0 48	13 16	18 16	5 13	11		
0 51	14 17	19 16	5 5	14 12		
0 55	15 18	20 17	4 5	15 13		
0 59	16 19	20 18	3 5	16 14		
1 3	17 20	21 19	2 5	17 15		
1 6	18 21	22 20	1 5	17 16		
1 10	19 22	23 21	5 18	17		
1 14	20 23	24 21	5 6	19 18		
1 18	21 24	25 22	4 7	20 19		
1 21	22 24	25 23	3 9	21 20		
1 25	23 26	26 24	3 0	22 21		
1 29	24 27	27 25	2 1	23 22		
1 33	25 28	28 26	1 3	24 23		
1 36	26 29	29 27	5 25	24		
1 40	27 II	27 27	5 6	25 25		
1 44	28 1	1 28	4 7	26 26		
1 48	29 2	2 29	4 0	27 27		
1 52	30 3	3 30	0 3	28 28		

*Sol in Taurus.*

Time from noon.	10	11	12	Ascend	2	3
b. m. d.	♈	♉	♊	♋	♌	♍
b. m. d.	b. m. d.	b. m. d.	b. m. d.	b. m. d.	b. m. d.	b. m. d.
1 52	0 3	3 0	3 2	28 28		
1 55	1 4	3 1	2 4	9 29		
1 59	2 5	4 2	1 6	17 2		
2 3	3 5	5 3	9 1	1		
2 7	4 6	6 4	2 2	2		
2 11	5 7	7 4	5 5	3 3		
2 15	6 8	8 5	4 9	4 4		
2 19	7 9	9 6	4 2	5 5		
2 23	8 10	10 7	3 7	6 6		
2 26	9 11	10 8	3 1	7 7		
2 30	10 12	11 9	2 5	8 8		
2 34	11 13	12 10	1 9	9 9		
2 38	12 14	13 11	1 5	10 10		
2 42	13 15	14 12	9 1	11 1		
2 46	14 16	15 13	4 1	12 12		
2 50	15 17	16 13	5 9	13 13		
2 54	16 18	17 14	5 5	14 14		
2 58	17 19	18 15	5 2	15 15		
3 2	18 20	19 16	4 8	16 16		
3 6	19 21	20 17	4 5	17 17		
3 10	20 22	21 18	4 2	18 18		
3 14	21 22	22 19	3 9	19 19		
3 18	22 23	23 20	3 7	20 20		
3 22	23 24	24 21	3 5	21 21		
3 26	24 25	25 22	3 3	22 22		
3 31	25 26	26 23	3 1	23 23		
3 35	26 27	27 24	3 0	24 24		
3 39	27 28	28 25	3 0	25 25		
3 43	28 29	29 26	2 9	26 26		
3 47	29 30	30 27	2 8	27 27		
3 51	30 1	31 28	2 8	28 28		

*A Table of Houses for the Latitude of 13. degr. 0 min.*

*Sol in Gemini.*

Time from noon.	10	11	12	Ascend	2	3
b. m. d.	d.	d.	d.	m. d.	d.	d.
3	51	0	1	0	28	28
3	55	1	2	1	29	28
4	0	2	3	2	30	29
4	4	3	4	3	1	28
4	8	4	5	4	2	29
4	12	5	6	5	3	30
4	16	6	7	6	4	1
4	21	7	8	7	5	2
4	25	8	9	8	6	3
4	29	9	10	9	7	4
4	33	10	11	10	8	5
4	38	11	12	11	9	6
4	42	12	1	12	10	7
4	46	13	2	1	11	8
4	51	14	3	2	12	9
4	55	15	4	3	1	10
4	59	16	5	4	2	11
5	3	17	6	5	3	12
5	8	18	7	6	4	1
5	12	19	8	7	5	2
5	16	20	9	8	6	3
5	21	21	10	9	7	4
5	25	22	11	10	8	5
5	29	23	12	11	9	6
5	34	24	1	12	10	7
5	38	25	2	1	11	8
5	43	26	3	2	12	9
5	47	27	4	3	1	10
5	51	28	5	4	2	11
5	56	29	6	5	3	12
6	0	30	7	6	4	1

*Sol in Cancer.*

Time from noon.	10	11	12	Ascend	2	3
b. m. d.	d.	d.	d.	m. d.	d.	d.
6	0	0	1	0	0	0
6	4	1	2	1	1	1
6	9	2	3	2	2	2
6	13	3	4	3	3	3
6	17	4	5	4	4	4
6	22	5	6	5	5	5
6	26	6	7	6	6	6
6	31	7	8	7	7	7
6	35	8	9	8	8	8
6	39	9	10	9	9	9
6	44	10	11	10	10	10
6	48	11	12	11	11	11
6	52	12	1	12	12	12
6	57	13	2	1	1	1
7	1	14	3	2	2	2
7	5	15	4	3	3	3
7	9	16	5	4	4	4
7	14	17	6	5	5	5
7	18	18	7	6	6	6
7	22	19	8	7	7	7
7	27	20	9	8	8	8
7	31	21	10	9	9	9
7	35	22	11	10	10	10
7	39	23	12	11	11	11
7	44	24	1	12	12	12
7	48	25	2	1	1	1
7	52	26	3	2	2	2
7	56	27	4	3	3	3
8	0	28	5	4	4	4
8	5	29	6	5	5	5
8	9	30	7	6	6	6

*A Table of Houses for the Latitude of 13. degr. 0 min.*

*Sol in Leo.*

Time from noon.	10	11	12	Ascend	2	3
b. m. d.	d.	d.	d.	m. d.	d.	d.
8	9	0	1	0	0	0
8	13	1	2	1	1	1
8	17	2	3	2	2	2
8	21	3	4	3	3	3
8	25	4	5	4	4	4
8	29	5	6	5	5	5
8	34	6	7	6	6	6
8	38	7	8	7	7	7
8	42	8	9	8	8	8
8	46	9	10	9	9	9
8	50	10	11	10	10	10
8	54	11	12	11	11	11
8	58	12	1	12	12	12
9	2	13	2	1	1	1
9	6	14	3	2	2	2
9	10	15	4	3	3	3
9	14	16	5	4	4	4
9	18	17	6	5	5	5
9	22	18	7	6	6	6
9	26	19	8	7	7	7
9	30	20	9	8	8	8
9	34	21	10	9	9	9
9	38	22	11	10	10	10
9	41	23	12	11	11	11
9	45	24	1	12	12	12
9	49	25	2	1	1	1
9	53	26	3	2	2	2
9	57	27	4	3	3	3
10	1	28	5	4	4	4
10	5	29	6	5	5	5
10	8	30	7	6	6	6

*Sol in Virgo.*

Time from noon.	10	11	12	Ascend	2	3
b. m. d.	d.	d.	d.	m. d.	d.	d.
10	8	0	1	0	0	0
10	12	1	2	1	1	1
10	16	2	3	2	2	2
10	20	3	4	3	3	3
10	24	4	5	4	4	4
10	27	5	6	5	5	5
10	31	6	7	6	6	6
10	35	7	8	7	7	7
10	39	8	9	8	8	8
10	42	9	10	9	9	9
10	46	10	11	10	10	10
10	50	11	12	11	11	11
10	54	12	1	12	12	12
10	58	13	2	1	1	1
11	2	14	3	2	2	2
11	6	15	4	3	3	3
11	10	16	5	4	4	4
11	14	17	6	5	5	5
11	18	18	7	6	6	6
11	22	19	8	7	7	7
11	26	20	9	8	8	8
11	30	21	10	9	9	9
11	34	22	11	10	10	10
11	38	23	12	11	11	11
11	42	24	1	12	12	12
11	46	25	2	1	1	1
11	50	26	3	2	2	2
11	54	27	4	3	3	3
11	58	28	5	4	4	4
12	0	29	6	5	5	5
12	4	30	7	6	6	6

*A Table of Houses for the Latitude of 13. degr. 0. min.*

Sol in Libra.									
Time from noon.	10	11	12	Ascend	2	3			
b. m.	h.	m.	d.	h.	m.	d.	h.	m.	d.
12	0	1	18	24	45	24	26		
12	4	2	29	25	35	25	27		
12	7	3	4	26	25	25	28		
12	11	4	1	27	15	26	29		
12	15	4	2	28	5	27	30		
12	18	5	2	28	55	28	1		
12	22	6	3	29	45	29	2		
12	26	7	4	0	36	30	3		
12	29	8	5	1	28	1	4		
12	33	9	6	2	18	2	5		
12	37	10	7	3	9	3	6		
12	40	11	8	4	0	4	7		
12	44	12	9	5	52	5	8		
12	48	13	10	6	43	6	9		
12	51	14	11	7	35	7	10		
12	55	15	12	8	26	8	11		
12	59	16	13	9	19	9	12		
13	3	17	14	10	11	10	13		
13	6	18	15	11	3	11	14		
13	10	19	16	12	55	11	15		
13	14	20	17	13	49	12	16		
13	18	21	18	14	42	13	17		
13	21	22	19	15	35	14	18		
13	25	23	20	16	29	15	19		
13	29	24	21	17	22	16	20		
13	33	25	22	18	16	17	21		
13	36	26	23	19	11	18	22		
13	40	27	24	20	6	19	23		
13	44	28	25	21	1	20	24		
13	48	29	26	22	56	21	25		
13	51	30	27	23	53	22	26		
13	55	31	28	24	53	23	27		

Sol in Scorpio.									
Time from noon.	10	11	12	Ascend	2	3			
b. m.	h.	m.	d.	h.	m.	d.	h.	m.	d.
13	52	0	28	24	53	23	28		
13	55	1	29	25	50	24	29		
13	59	2	29	25	46	25	30		
14	3	3	30	23	42	26	1		
14	7	4	1	26	39	27	2		
14	11	5	2	27	36	28	3		
14	15	6	3	28	35	29	4		
14	19	7	4	29	33	30	5		
14	22	8	5	30	32	31	6		
14	26	9	6	1	31	32	7		
14	30	10	7	2	29	33	8		
14	34	11	8	3	29	34	9		
14	38	12	9	4	31	35	10		
14	42	13	10	5	32	36	11		
14	46	14	11	6	33	37	12		
14	50	15	12	7	36	38	13		
14	54	16	13	8	39	39	14		
14	58	17	14	9	42	40	15		
15	2	18	15	10	45	41	16		
15	6	19	16	11	49	42	17		
15	10	20	17	12	54	43	18		
15	14	21	18	13	59	44	19		
15	18	22	19	14	64	45	20		
15	22	23	20	15	70	46	21		
15	26	24	21	16	76	47	22		
15	30	25	22	17	83	48	23		
15	34	26	23	18	90	49	24		
15	38	27	24	19	98	50	25		
15	42	28	25	20	106	51	26		
15	46	29	26	21	115	52	27		
15	50	30	27	22	124	53	28		
15	54	31	28	23	133	54	29		
15	58	32	29	24	143	55	30		
16	2	33	30	25	153	56	31		

*A Table of Houses for the Latitude of 13 degr. 0 min.*

Sol in Sagittarii.									
Time from noon.	10	11	12	Ascend	2	3			
b. m.	h.	m.	d.	h.	m.	d.	h.	m.	d.
15	51	0	25	21	22	4	27	1	
15	55	1	26	23	23	14	29	3	
16	0	2	27	24	24	23	31	5	
16	4	3	28	25	25	35	33	7	
16	8	4	29	26	26	46	35	9	
16	12	5	30	27	28	0	37	11	
16	16	6	1	28	29	12	39	13	
16	21	7	2	29	30	24	41	15	
16	25	8	3	30	31	38	43	17	
16	29	9	4	1	32	52	45	19	
16	33	10	5	2	34	6	47	21	
16	38	11	6	3	35	21	49	23	
16	42	12	7	4	36	12	51	25	
16	46	13	8	5	37	14	53	27	
16	51	14	9	6	38	15	55	29	
16	55	15	10	7	39	16	57	31	
16	59	16	11	8	41	18	59	33	
17	3	17	12	9	42	19	61	35	
17	8	18	13	10	43	20	63	37	
17	12	19	14	11	44	21	65	39	
17	16	20	15	12	45	22	67	41	
17	21	21	16	13	46	23	69	43	
17	25	22	17	14	47	24	71	45	
17	29	23	18	15	48	25	73	47	
17	34	24	19	16	49	26	75	49	
17	38	25	20	17	50	27	77	51	
17	43	26	21	18	51	28	79	53	
17	47	27	22	19	52	29	81	55	
17	51	28	23	20	53	30	83	57	
17	56	29	24	21	54	31	85	59	
18	0	30	25	22	55	32	87	61	

Sol in Capricorn.									
Time from noon.	10	11	12	Ascend	2	3			
b. m.	h.	m.	d.	h.	m.	d.	h.	m.	d.
18	0	0	25	25	0	0	5	5	
18	4	1	26	26	1	19	6	6	
18	9	2	27	27	2	40	7	7	
18	13	3	29	29	3	59	9	8	
18	17	4	30	30	4	18	10	9	
18	22	5	1	1	6	37	11	10	
18	26	6	2	2	7	55	12	11	
18	31	7	3	3	9	13	13	12	
18	35	8	4	4	10	32	15	13	
18	39	9	5	5	11	50	16	14	
18	44	10	6	6	13	8	17	15	
18	48	11	7	7	14	26	18	16	
18	52	12	8	8	15	44	19	17	
18	57	13	9	9	17	2	20	18	
19	1	14	10	10	18	19	21	19	
19	5	15	11	11	19	36	23	20	
19	9	16	12	12	20	52	24	21	
19	13	17	13	13	22	7	25	22	
19	18	18	14	14	23	23	26	23	
19	22	19	15	15	24	39	27	24	
19	27	20	16	16	25	54	28	25	
19	31	21	17	17	27	8	29	26	
19	35	22	18	18	28	22	30	27	
19	39	23	19	19	29	36	31	28	
19	44	24	20	20	30	49	32	29	
19	48	25	21	21	31	0	33	30	
19	52	26	22	22	32	14	34	31	
19	56	27	23	23	33	25	35	32	
20	0	28	24	24	34	36	36	33	
20	5	29	25	25	35	46	37	34	
20	9	30	26	26	36	56	38	35	

*A Table of Houses for the Latitude of 13 degr. 0 min.*

*Sol in Aquariū.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	l.	m.	d.	d.
20 9 0	28	3	7	56	8	5
20 13 1	4	9	4	9	6	
20 17 2	1	5	10	13	10	7
20 21 3	2	6	11	22	11	8
20 25 4	3	8	12	29	12	9
20 29 5	4	9	13	37	13	10
20 33 6	5	10	14	45	14	10
20 38 7	6	11	15	51	15	11
20 42 8	8	12	16	56	16	12
20 46 9	9	14	18	1	17	13
20 50 10	10	15	19	6	18	14
20 52 11	11	16	20	10	19	15
20 58 12	12	17	21	14	20	16
21 2 13	13	18	22	18	21	17
21 6 14	14	20	23	21	22	18
21 10 15	15	21	24	24	23	19
21 14 16	17	22	25	27	24	20
21 18 17	18	23	26	28	25	21
21 22 18	19	24	27	29	26	22
21 26 19	20	25	28	30	27	22
21 30 20	21	26	29	31	28	23
21 34 21	22	27	0	30	28	24
21 38 22	24	29	1	28	29	25
21 41 23	25	0	2	27	0	26
21 45 24	25	1	3	25	1	27
21 49 25	27	2	4	23	2	28
21 53 26	28	3	5	21	3	29
21 57 27	29	4	6	18	4	0
22 1 28	30	5	7	14	5	1
22 5 29	1	6	8	11	6	2
22 8 30	3	7	9	7	6	2

*Sol in Pisces.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	m.	d.	d.
22 8 0	3	7	9	7	6	2
22 12 1	4	8	10	4	7	3
22 16 2	5	9	10	59	8	4
22 20 3	6	10	11	54	9	5
22 24 4	7	11	12	49	10	6
22 27 5	8	12	13	44	11	7
22 31 6	9	13	14	39	12	8
22 35 7	10	14	15	32	13	9
22 39 8	11	15	16	25	13	10
22 42 9	12	16	17	18	14	11
22 46 10	13	17	18	11	15	11
22 50 11	14	18	19	5	16	12
22 54 12	15	19	19	57	17	13
22 57 13	17	20	20	49	18	14
23 1 14	18	21	21	41	18	15
23 5 15	19	22	22	34	19	16
23 9 16	20	23	23	25	20	17
23 12 17	21	24	24	18	21	18
23 16 18	22	25	25	8	22	19
23 20 19	23	26	26	0	23	19
23 23 20	24	27	26	51	23	20
23 27 21	25	28	27	42	24	21
23 31 22	26	29	28	33	25	22
23 34 23	27	30	29	24	26	23
23 38 24	28	1	30	15	27	24
23 42 25	29	2	1	6	28	25
23 45 26	30	3	2	56	28	26
23 49 27	1	4	3	46	29	27
23 53 28	2	4	3	36	0	28
23 56 29	3	5	4	26	1	28
24 0 30	4	6	5	16	2	29

*A Table of Houses for the Latitude of 40 degr. 0 min.*

*Sol in Aries.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	m.	d.	d.
0 0 0	9	19	18	29	11	3
0 4 1	10	20	19	15	12	3
0 7 2	11	21	20	0	12	4
0 11 3	12	22	20	45	13	5
0 15 4	13	23	21	30	14	6
0 18 5	14	24	22	15	15	7
0 22 6	15	25	23	0	15	7
0 26 7	16	26	23	44	16	8
0 29 8	17	27	24	29	17	9
0 33 9	18	28	25	14	18	10
0 37 10	19	29	25	58	18	11
0 40 11	20	29	26	42	19	12
0 44 12	21	30	27	27	20	13
0 48 13	22	1	28	11	21	13
0 51 14	23	2	28	55	21	14
0 55 15	24	3	29	40	22	15
0 59 16	25	4	0	25	23	16
1 3 17	26	5	1	9	24	17
1 6 18	27	5	1	52	24	18
1 10 19	28	6	2	37	25	18
1 14 20	29	7	3	22	26	19
1 18 21	30	8	4	6	27	20
1 21 22	1	9	4	50	27	21
1 25 23	2	9	5	36	28	22
1 29 24	3	10	6	20	29	23
1 33 25	4	11	7	5	30	24
1 36 26	5	12	7	50	0	25
1 40 27	6	13	8	35	1	25
1 44 28	7	13	9	20	2	26
1 48 29	8	14	10	5	3	27
1 52 30	9	15	10	50	3	28

*Sol in Taurus.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	m.	d.	d.
1 52 0	19	15	10	50	3	28
1 55 1	10	16	11	35	4	29
1 59 2	11	16	12	21	5	30
2 3 3	12	17	13	6	6	1
2 7 4	13	18	13	50	7	2
2 11 5	14	18	14	37	7	2
2 15 6	15	19	15	22	8	3
2 19 7	16	20	16	8	9	4
2 22 8	17	21	16	54	10	5
2 26 9	18	22	17	40	11	6
2 30 10	19	23	18	26	11	7
2 34 11	20	23	19	12	12	8
2 38 12	21	24	19	59	13	9
2 42 13	22	25	20	45	14	10
2 46 14	23	26	21	32	15	11
2 50 15	24	27	22	19	16	12
2 54 16	24	27	23	5	16	12
2 58 17	25	28	23	52	17	13
3 2 18	26	29	24	41	18	14
3 6 19	27	30	25	28	19	15
3 10 20	28	1	26	16	20	16
3 14 21	29	2	27	5	21	17
3 18 22	30	3	27	52	21	18
3 22 23	1	3	18	41	22	19
3 26 24	2	4	19	29	23	20
3 31 25	3	5	0	17	24	21
3 35 26	4	6	1	6	25	22
3 39 27	5	7	1	54	26	23
3 43 28	6	7	2	44	26	24
3 47 29	7	8	3	33	27	25
3 51 30	8	9	4	22	28	26

*A Table of Houses for the Latitude of 40. degr. 0 min.*

**Sol in Gemini.**

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
3 51	0	8	9	4	21	28 25
3 55	1	8	10	5	12	29 26
4 02	9	11	6		1	27
4 43	10	12	6	51	1	28
4 84	11	12	7	41	2	29
4 125	12	13	8	31	3	m
4 166	13	14	9	21	3	1
4 217	14	15	10	12	4	2
4 258	15	16	11	3	5	3
4 299	16	17	11	52	5	4
4 3310	17	18	12	44	7	5
4 3811	18	19	13	34	3	6
4 4212	19	20	14	21	9	7
4 4613	20	21	15	17	10	8
4 5114	21	22	16	8	10	9
4 5515	22	23	17		11	10
4 5916	23	23	17	51	12	11
5 317	23	24	18	42	13	12
5 818	24	25	19	34	14	13
5 1219	25	25	20	26	15	14
5 1620	26	26	21	17	16	15
5 2121	27	27	22	9	17	16
5 2522	28	28	23	1	18	16
5 2923	29	29	23	53	18	17
5 3424	Ω	♊	24	46	19	18
5 3825	1	1	25	38	10	19
5 4326	2	2	26	30	11	20
5 4727	3	3	27	23	12	21
5 5128	4	3	28	15	13	22
5 5629	5	4	29	7	14	23
6 030	6	5	0	0	15	24

**Sol in Cancer.**

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
6 00	6	5	0	0	25	24
6 41	7	6	0	53	26	25
6 92	8	7	1	45	27	26
6 133	9	8	2	37	27	27
6 174	10	9	3	29	28	28
6 225	11	10	4	21	29	29
6 266	12	11	5	13	m	30
6 317	13	11	6	6	1	1
6 358	14	12	6	58	2	2
6 399	14	13	7	50	3	3
6 4410	15	14	8	42	4	4
6 4811	16	15	9	33	5	5
6 5212	17	16	10	25	5	6
6 5713	18	17	11	17	6	6
7 114	19	18	12	9	7	7
7 515	20	19	13	0	8	8
7 916	21	20	13	52	9	9
7 1417	22	20	14	42	10	10
7 1818	23	21	15	33	11	11
7 2219	24	22	16	25	12	12
7 2720	25	23	17	16	12	13
7 3121	26	24	18	7	13	14
7 3522	27	25	18	56	14	15
7 3923	28	26	19	47	15	16
7 4424	29	27	20	38	16	17
7 4825	♊	27	21	28	17	18
7 5226	1	28	22	17	18	19
7 5627	2	29	23	9	18	20
8 028	3	2	23	58	19	21
8 529	4	1	24	47	20	22
8 930	5	2	25	38	21	22

*A Table of Houses for the Latitude of 40 degr. 0 min.*

**Sol in Leo.**

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
8 90	5	2	25	37	21	22
8 131	5	3	16	27	22	23
8 172	6	4	17	16	23	24
8 213	7	4	8	5	23	25
8 254	8	5	28	54	24	26
8 295	9	6	29	42	25	27
8 346	10	7	0	30	26	28
8 387	11	8	1	19	27	29
8 428	12	9	2	7	28	30
8 469	13	9	2	54	28	1
8 5010	14	10	3	43	29	2
8 5411	15	11	4	31	30	3
8 5812	16	12	5	19	1	4
9 213	17	13	6	6	2	5
9 614	18	14	6	53	3	6
9 1015	18	14	7	41	3	6
9 1416	19	15	8	27	4	7
9 1817	20	16	9	15	5	8
9 2218	21	17	10	16	6	9
9 2619	22	18	10	47	7	10
9 3020	23	19	11	33	7	11
9 3421	24	19	12	20	8	12
9 3822	25	20	13	5	9	13
9 4123	26	21	13	51	10	14
9 4524	27	22	14	37	11	15
9 4925	27	23	15	23	12	16
9 5326	28	23	16	9	12	17
9 5727	29	24	16	53	13	18
10 128	2	25	17	39	14	19
10 529	1	26	18	24	15	20
10 830	2	26	19	9	16	21

**Sol in Virgo.**

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
10 80	2	26	19	9	16	21
10 121	3	27	19	53	16	22
10 162	4	28	20	39	17	23
10 203	5	29	21	24	18	24
10 244	5	m	22	9	19	25
10 275	6	0	22	53	20	26
10 316	7	1	23	39	21	27
10 357	8	2	24	24	21	28
10 398	9	3	25	9	22	29
10 429	10	3	25	53	23	30
10 4610	11	4	26	37	24	1
10 5011	11	5	27	22	25	2
10 5412	12	6	28	7	25	3
10 5713	13	6	28	50	26	4
11 114	14	7	29	35	27	5
11 515	15	8	30	20	28	6
11 916	16	9	1	5	29	7
11 1217	17	9	1	49	30	8
11 1618	17	10	2	33	0	9
11 2019	18	11	3	17	1	10
11 2320	19	12	4	1	2	11
11 2721	20	12	4	45	3	12
11 3122	21	13	5	31	4	13
11 3423	22	14	6	15	5	14
11 3824	22	15	7	0	6	15
11 4225	23	15	7	45	7	16
11 4526	24	16	8	30	7	17
11 4927	25	17	9	15	8	18
11 5328	26	18	10	0	9	19
11 5629	27	18	10	45	10	20
12 030	27	19	10	30	11	21

*A Table of Houses for the Latitude of 40. degr. 0 min.*

Sol in Libra.									
Time from noon.	10	11	12	Ascend	2	3			
h. m.	d.	d.	d.	d. m.	d.	d.	♈	♉	♊
12 00	27	19	11	30	1	21			
12 41	28	20	12	16	12	23			
12 72	29	21	13	1	13	24			
12 113	30	22	13	47	4	25			
12 154	1	23	14	32	5	26			
12 185	2	23	15	18	16	27			
12 226	3	24	16	4	7	28			
12 267	4	24	16	51	8	29			
12 298	5	25	17	37	18	30			
12 339	6	26	18	25	9	2			
12 3710	7	27	19	12	10	3			
12 4011	8	27	19	59	11	4			
12 4412	9	28	20	47	12	5			
12 4813	10	29	21	35	13	6			
12 5114	11	29	21	22	14	7			
12 5515	12	30	22	11	15	8			
12 5916	13	31	23	1	16	9			
13 317	14	32	24	50	17	10			
13 618	15	33	25	39	18	11			
13 1019	16	34	26	28	19	12			
13 1420	17	35	27	19	20	13			
13 1821	18	36	28	9	21	14			
13 2122	19	37	29	1	22	15			
13 2523	20	38	30	52	23	16			
13 2924	21	39	31	41	24	17			
13 3325	22	40	32	30	25	18			
13 3626	23	41	33	19	26	19			
13 4027	24	42	34	8	27	20			
13 4428	25	43	35	57	28	21			
13 4829	26	44	36	46	29	22			
13 5230	27	45	37	35	30	23			

*Sol in Scorpio.*

Time from noon.	10	11	12	Ascend	2	3			
h. m.	d.	d.	d.	d. m.	d.	d.	♈	♉	♊
13 520	22	12	6	6	12	27			
13 551	23	13	7	1	14	28			
13 592	24	14	7	57	15	29			
14 33	25	14	8	54	16	1			
14 74	26	15	9	51	18	2			
14 115	27	16	10	49	19	4			
14 156	28	17	11	48	20	5			
14 197	29	18	12	48	22	6			
14 228	30	19	13	48	23	8			
14 269	1	19	14	48	24	9			
14 3010	2	20	15	50	26	10			
14 3411	3	21	16	52	27	11			
14 3812	4	22	17	56	28	13			
14 4213	5	23	18	59	30	14			
14 4614	6	24	20	4	1	15			
14 5015	7	25	21	9	3	17			
14 5416	8	26	22	15	4	18			
14 5817	9	27	23	24	6	19			
15 218	10	28	24	32	7	20			
15 619	11	29	25	41	9	22			
15 1020	12	30	26	53	10	23			
15 1421	13	31	27	5	12	24			
15 1822	14	32	28	17	14	26			
15 2223	15	33	29	30	15	27			
15 2624	16	34	30	44	17	28			
15 3125	17	35	31	0	18	30			
15 3626	18	36	32	18	20	1			
15 3927	19	37	33	37	22	2			
15 4328	20	38	34	56	23	3			
15 4729	21	39	35	17	25	5			
15 530	22	40	36	36	26	6			

*A Table of Houses for the Latitude of 40. degr. 0 min.*

*Sol in Sagittarii.*

Time from noon.	10	11	12	Ascend	2	3			
h. m.	d.	d.	d.	d. m.	d.	d.	♈	♉	♊
15 510	19	9	9	39	26	5			
15 551	20	10	11	3	28	7			
16 02	21	11	12	27	29	8			
16 43	22	12	13	52	2	10			
16 84	23	13	15	30	3	11			
16 125	24	14	16	50	5	12			
16 166	25	15	18	20	7	13			
16 217	26	16	19	51	8	15			
16 258	27	17	21	23	10	16			
16 299	28	18	22	57	12	17			
16 3310	29	19	24	13	13	18			
16 3811	30	20	26	8	15	20			
16 4212	1	21	27	48	17	21			
16 4613	2	22	29	28	18	22			
16 5114	3	23	31	9	20	23			
16 5515	4	24	32	49	22	24			
16 5916	5	25	34	31	23	26			
17 317	6	27	36	13	25	27			
17 818	7	28	37	58	26	28			
17 1219	8	29	39	44	28	29			
17 1620	9	30	41	31	30	30			
17 2121	10	31	43	20	1	31			
17 2522	11	32	45	8	3	32			
17 2923	12	33	47	16	5	34			
17 3424	13	34	49	50	6	35			
17 3825	14	35	51	40	7	36			
17 4326	15	36	53	31	9	37			
17 4727	16	37	55	24	10	38			
17 5128	17	38	57	15	12	39			
17 5629	18	39	59	8	13	40			
18 030	19	40	0	15	15	41			

*Sol in Capricorn.*

Time from noon.	10	11	12	Ascend	2	3			
h. m.	d.	d.	d.	d. m.	d.	d.	♈	♉	♊
18 00	19	15	0	0	15	11			
18 41	20	17	1	53	16	12			
18 92	21	18	3	44	18	14			
18 133	22	20	5	36	19	15			
18 174	23	21	7	29	20	16			
18 225	24	23	9	20	22	17			
18 266	25	24	11	10	23	18			
18 317	26	26	13	3	24	19			
18 358	28	27	14	52	26	20			
18 399	29	29	16	40	27	21			
18 4410	30	31	18	28	28	22			
18 4811	1	32	20	16	30	23			
18 5212	2	34	22	4	32	24			
18 5713	3	35	23	47	34	25			
19 114	4	37	25	28	36	26			
19 515	5	39	27	11	38	27			
19 916	6	41	28	54	40	28			
19 1317	7	43	30	47	42	29			
19 1818	8	45	32	40	44	30			
19 2219	9	47	34	32	46	31			
19 2720	10	49	36	24	48	32			
19 3121	11	51	38	17	50	33			
19 3522	12	53	40	9	52	34			
19 3923	13	55	42	1	54	35			
19 4424	14	57	44	11	56	36			
19 4825	15	59	46	3	58	37			
19 5226	16	0	48	14	60	38			
19 5627	17	1	50	26	1	39			
20 028	18	3	52	38	3	40			
20 529	19	5	54	50	5	41			
20 930	20	7	56	2	7	42			

*A Table of Houses for the Latitude of 40 degr. 0 min.*

*Sol in Aquarii.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	d. m.	d.	d.
20 9 0	24	4	20	21	21	11
20 13 1	25	5	21	43	22	12
20 17 2	27	7	23	4	23	13
20 21 3	28	8	24	23	24	14
20 25 4	29	10	25	42	25	15
20 29 5	31	11	27	0	26	16
20 34 6	2	13	28	16	27	17
20 38 7	3	15	29	30	28	18
20 42 8	4	16	0	43	29	19
20 46 9	6	18	1	55	30	20
20 50 10	7	20	3	7	1	20
20 54 11	8	21	4	18	2	21
20 58 12	9	23	5	28	3	22
21 2 13	11	24	6	36	4	23
21 6 14	12	26	7	44	4	24
21 10 15	13	27	8	51	5	25
21 14 16	15	29	9	56	6	26
21 18 17	16	31	11	17	17	27
21 22 18	17	2	12	4	8	27
21 26 19	19	3	13	7	9	28
21 30 20	20	4	14	9	10	29
21 34 21	21	6	15	11	10	30
21 38 22	22	7	16	11	11	1
21 41 23	23	8	17	12	12	2
21 45 24	25	10	18	12	13	3
21 49 25	26	11	19	11	14	3
21 53 26	28	12	20	9	15	4
21 57 27	29	14	21	6	15	5
22 1 28	31	15	22	3	16	6
22 5 29	2	16	22	59	17	7
22 8 30	3	17	23	54	18	8

*Sol in Pisces.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	d. m.	d.	d.
22 8 0	3	17	23	54	18	8
22 12 1	4	19	24	48	19	9
22 16 2	5	20	25	42	20	10
22 20 3	7	21	26	36	20	10
22 24 4	8	22	27	29	21	11
22 27 5	9	23	28	23	22	12
22 31 6	10	25	29	16	23	13
22 35 7	12	26	0	7	23	14
22 39 8	13	27	0	59	24	14
22 42 9	14	28	1	51	25	15
22 46 10	15	29	2	41	26	16
22 50 11	17	31	3	31	27	17
22 54 12	18	1	4	21	27	18
22 57 13	19	2	5	10	28	18
23 1 14	20	3	5	59	29	19
23 5 15	21	4	6	49	30	20
23 9 16	23	5	7	37	0	21
23 12 17	24	6	8	25	1	22
23 16 18	25	8	9	13	2	23
23 20 19	26	9	10	1	3	23
23 23 20	27	10	10	48	3	24
23 27 21	28	11	11	35	4	25
23 31 22	30	12	12	23	5	26
23 34 23	1	12	13	9	6	27
23 38 24	2	13	13	56	6	28
23 42 25	3	14	14	42	7	28
23 45 26	4	15	15	27	8	29
23 49 27	5	16	16	13	9	30
23 53 28	6	17	16	58	9	1
23 56 29	7	18	17	44	10	2
24 0 30	8	19	18	29	11	3

*A Table of Houses for the Latitude of 45. degr. 0 min.*

*Sol in Aries.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	d. m.	d.	d.
0 0 0	10	23	21	44	13	3
0 4 1	11	23	22	27	14	4
0 7 2	12	24	23	10	14	5
0 11 3	13	25	23	53	15	6
0 15 4	15	26	24	37	16	7
0 18 5	16	27	25	20	16	7
0 22 6	17	28	26	3	17	8
0 26 7	18	29	26	45	18	9
0 29 8	19	30	27	28	19	10
0 33 9	20	0	28	11	19	11
0 37 10	21	1	28	54	20	11
0 40 11	22	2	29	36	21	12
0 44 12	23	3	0	19	21	13
0 48 13	24	4	1	1	22	14
0 51 14	25	4	1	48	23	15
0 55 15	26	5	2	26	24	15
0 59 16	27	6	3	9	24	16
1 3 17	28	7	3	51	25	17
1 6 18	29	8	4	34	26	18
1 10 19	31	8	5	17	27	19
1 14 20	1	9	5	59	27	20
1 18 21	2	10	6	42	28	20
1 21 22	3	11	7	25	29	21
1 25 23	4	12	7	7	29	22
1 29 24	5	13	8	50	30	23
1 33 25	6	13	9	33	1	24
1 36 26	7	14	10	17	2	25
1 40 27	8	15	11	0	2	26
1 44 28	9	16	11	43	3	26
1 48 29	10	17	12	26	4	27
1 52 30	11	17	13	9	5	28

*Sol in Taurus.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	d. m.	d.	d.
4 52 0	11	17	13	9	5	28
1 55 1	12	18	13	52	5	29
1 59 2	13	19	14	35	6	30
2 3 3	14	20	15	19	7	1
2 7 4	15	20	16	1	8	2
2 11 5	16	21	16	45	8	2
2 15 6	17	22	17	28	9	3
2 19 7	18	23	18	13	10	4
2 22 8	19	24	18	57	11	5
2 26 9	20	24	19	40	11	6
2 30 10	21	25	20	25	12	7
2 34 11	22	26	21	9	13	8
2 38 12	23	27	21	53	14	9
2 42 13	24	28	22	37	15	9
2 46 14	26	28	23	22	15	10
2 50 15	25	29	24	6	16	11
2 54 16	26	30	24	51	17	12
2 58 17	27	31	25	37	18	13
3 2 18	28	31	26	22	19	14
3 6 19	29	32	27	7	19	15
3 10 20	30	33	27	52	20	16
3 14 21	1	4	28	38	21	17
3 18 22	2	5	29	24	22	17
3 22 23	3	6	30	10	23	18
3 26 24	4	6	0	56	23	19
3 31 25	5	7	1	42	24	20
3 35 26	6	8	2	29	25	21
3 39 27	7	9	3	16	25	22
3 43 28	7	10	4	2	27	23
3 47 29	8	10	4	49	27	24
3 51 30	9	11	5	36	28	25

*A Table of Houses for the Latitude of 54. degr. 0 min.*

*Sol in Gemini.*

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
3 51	9	11	5	30	28	25
3 55	1	10	12	6	23	29
4 0	2	11	13	7	1	27
4 4	3	12	14	7	58	1
4 8	4	13	14	8	46	2
4 15	5	14	15	9	33	2
4 16	6	15	16	10	21	3
4 21	7	16	17	11	9	4
4 25	8	17	18	11	58	5
4 29	9	18	19	12	45	6
4 33	10	19	19	13	33	7
4 38	11	20	20	14	22	8
4 42	12	20	21	15	11	9
4 46	13	21	22	16	0	9
4 51	14	22	23	16	48	10
4 55	15	23	24	17	38	11
4 59	16	24	24	18	27	12
5 3	17	25	25	19	16	13
5 8	18	26	26	20	5	13
5 12	19	27	27	20	55	14
5 16	20	28	28	21	44	15
5 21	21	29	29	22	33	16
5 25	22	Ω	29	23	23	17
5 29	23	1	30	24	12	18
5 34	24	2	1	25	2	19
5 38	25	3	2	25	51	19
5 43	26	3	3	26	41	20
5 47	27	4	4	27	31	20
5 51	28	5	5	28	20	21
5 56	29	6	6	29	10	22
6 0	30	7	6	30	0	23

*Sol in Cancer.*

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
6 0	7	6	0	0	24	23
6 4	1	8	7	0	50	25
6 9	2	9	8	1	39	25
6 13	3	10	9	2	29	26
6 17	4	11	10	3	19	27
6 22	5	12	11	4	8	28
6 26	6	13	11	5	58	29
6 31	7	14	12	5	48	30
6 35	8	15	13	6	37	1
6 39	9	16	14	7	26	1
6 44	10	17	15	8	18	2
6 48	11	18	16	9	5	3
6 52	12	18	17	9	55	4
6 57	13	19	18	10	44	5
7 1	14	20	18	11	33	6
7 5	15	21	19	12	22	6
7 9	16	22	20	13	11	7
7 14	17	23	21	14	0	8
7 18	18	24	22	14	49	9
7 22	19	25	23	15	38	10
7 27	20	26	23	16	27	11
7 31	21	27	24	17	15	11
7 35	22	28	25	18	3	12
7 39	23	29	26	18	51	13
7 44	24	30	27	19	39	14
7 48	25	1	28	20	26	15
7 52	26	2	28	21	14	16
7 56	27	2	29	22	2	16
8 0	28	3	30	22	49	17
8 5	29	4	1	23	36	18
8 9	30	5	2	24	24	19

*A Table of Houses for the Latitude of 45. degr. 0 min.*

*Sol in Leo.*

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
8 9	5	2	24	24	19	21
8 13	6	3	25	10	20	22
8 17	7	3	25	58	20	22
8 21	8	4	26	44	21	23
8 25	9	5	27	31	22	24
8 29	10	6	28	18	23	25
8 34	11	7	29	4	24	26
8 38	12	7	29	49	24	27
8 42	12	8	0	36	25	28
8 46	13	9	1	22	26	29
8 50	14	10	2	7	27	30
8 54	15	11	2	53	28	1
8 58	16	11	3	38	28	2
9 2	17	12	4	23	29	3
9 6	18	13	5	9	30	4
9 10	19	14	5	54	31	5
9 14	20	15	6	38	32	6
9 18	21	15	7	23	33	7
9 22	21	16	8	7	34	8
9 26	22	17	8	51	35	9
9 30	23	18	9	35	36	10
9 34	24	18	10	19	37	11
9 38	25	19	11	3	38	12
9 41	26	20	11	47	39	13
9 45	27	21	12	31	40	14
9 49	28	22	13	15	41	15
9 53	28	22	13	58	42	16
9 57	29	23	14	41	43	17
10 1	30	24	15	25	44	18
10 5	31	25	16	8	45	19
10 8	32	25	16	51	46	20

*Sol in Virgo.*

Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	m.	d.	d.
10 8	2	25	16	51	13	9
10 12	3	26	17	34	14	10
10 16	4	27	18	17	15	11
10 20	5	28	19	0	16	12
10 24	6	28	19	43	17	13
10 27	7	29	20	26	18	14
10 31	8	30	21	10	19	15
10 35	9	1	21	52	20	16
10 39	10	2	22	35	21	17
10 42	11	3	23	18	22	18
10 46	12	4	24	1	23	19
10 50	13	5	24	43	24	20
10 54	14	6	25	26	25	21
10 57	15	7	26	8	26	22
11 1	16	8	27	51	27	23
11 5	17	9	28	33	28	24
11 9	18	10	28	16	29	25
11 12	19	11	29	58	30	26
11 16	20	12	29	41	31	27
11 20	21	13	30	24	32	28
11 23	22	14	1	6	33	29
11 27	23	15	1	48	34	30
11 31	24	16	2	31	35	31
11 34	25	17	3	14	36	32
11 38	26	18	4	57	37	33
11 42	27	19	5	40	38	34
11 45	28	20	6	22	39	35
11 49	29	21	7	5	40	36
11 53	30	22	8	58	41	37
11 56	31	23	9	32	42	38
12 0	32	24	10	16	43	39

*A Table of Houses for the Latitude of 45. degr. 0 min.*

Sol in Libra.										Sol in Scorpio.									
Time from noon.	10	11	12	A	ascend	2	3			Time from noon.	10	11	12	A	ascend	2	3		
b. m.	d.	d.	d.	d.	m.	d.	d.	Wp	W	b. m.	d.	d.	d.	d.	m.	d.	d.	Wp	W
12 00	27	17	8	16	7	20				13 52	01	21	9	1	58	9	27		
12 41	28	18	8	56	8	21				13 55	1	22	10	2	51	10	28		
12 72	28	19	9	43	9	22				13 59	2	23	11	3	46	12	Y		
12 113	29	19	10	27	10	23				14 33	23	12	4	41	13	1			
12 154	m	20	11	11	11	25				14 74	24	12	5	37	14	2			
12 185	1	21	11	56	12	26				14 115	25	13	6	33	16	4			
12 226	2	21	12	40	13	27				14 156	26	14	7	29	17	5			
12 267	2	22	13	24	14	28				14 197	27	15	8	28	18	6			
12 298	3	23	14	9	15	29				14 228	28	16	9	27	20	8			
12 339	4	24	14	54	16	X				14 269	28	16	10	26	21	9			
12 3710	5	24	15	39	17	1				14 30	10	29	17	11	27	23	10		
12 4011	6	25	16	25	18	3				14 3411	7	18	12	28	24	12			
12 4412	6	26	17	11	19	4				14 3812	1	19	13	30	26	13			
12 4813	7	26	17	57	10	5				14 4213	2	20	14	33	27	15			
12 5114	8	27	18	43	11	6				14 4614	3	21	15	37	29	16			
12 5515	9	28	19	30	22	8				14 5015	4	21	16	42	X	17			
12 5916	10	29	20	16	23	9				14 5416	4	22	17	48	2	19			
13 317	10	29	21	3	24	10				14 5817	5	23	18	55	4	20			
13 618	11	7	21	51	25	11				15 218	6	24	20	3	5	21			
13 119	12	1	22	39	26	13				15 619	7	25	21	13	7	23			
13 1420	13	2	23	28	27	14				15 1020	8	26	22	23	9	24			
13 1821	14	2	24	17	28	15				15 1421	9	27	23	35	10	25			
13 2122	14	3	25	7	29	17				15 1822	10	28	24	48	12	27			
13 2523	15	4	25	57	30	18				15 2223	10	29	26	1	14	28			
13 2924	16	5	26	46	2	19				15 2624	11	Yp	27	16	15	8			
13 3325	17	5	27	37	3	20				15 3125	12	0	28	32	17	1			
13 3626	18	6	28	29	4	22				15 3626	13	1	29	51	19	2			
13 4027	18	7	29	21	5	23				15 3927	14	2	30	12	21	3			
13 4428	19	8	0	Yp	13	24				15 4328	15	3	2	33	23	5			
13 4829	20	8	1	5	8	26				15 4729	16	4	3	55	24	6			
13 5230	21	9	1	58	9	27				15 530	17	5	5	18	26	7			

*A Table of Houses for the Latitude of 45. degr. 0 min.*

Sol in Sagittary.								Sol in Capricorn.							
Time from noon.	10	11	12	Ascend	2	3		Time from noon.	10	11	12	Ascend	2	3	
b. m	d.	d.	d.	l. m. d.	l. d.	l. d.		b. m	d.	d.	d.	l. m. d.	l. d.	l. d.	
15 510	17	5	5	18	26	7		18 000	17	12	0	0	18	13	
15 551	18	6	6	45	28	9		18 411	18	13	2	8	20	14	
16 022	19	7	8	12	Y	10		18 922	19	15	4	13	21	15	
16 433	20	8	9	41	2	11		18 133	20	17	6	19	22	17	
16 844	20	9	11	13	4	12		18 174	21	18	8	25	24	18	
16 125	21	10	12	45	5	14		18 225	22	20	10	29	25	19	
16 166	22	12	14	18	7	15		18 266	23	22	12	32	27	20	
16 217	23	13	15	55	9	16		18 317	24	23	14	35	28	21	
16 258	24	14	17	34	11	18		18 358	26	25	16	37	29	22	
16 299	25	15	19	11	13	19		18 399	27	26	18	39	II	23	
16 3310	26	16	20	52	14	20		18 4410	28	28	20	38	2	24	
16 3811	27	17	22	36	16	21		18 4811	29	X	22	36	3	25	
16 4212	28	18	24	22	18	22		18 5212	30	1	24	33	5	26	
16 4613	29	19	26	8	20	24		18 5713	1	3	26	27	6	27	
16 5114	Y	21	27	57	22	25		19 1143	5	28	20	7	28		
16 5515	1	22	29	48	23	26		19 5154	6	0	12	8	29		
16 5916	2	23	1	40	25	27		19 9165	8	2	3	9	30		
17 3173	24	3	32	27	29			19 1317	6	10	3	51	11	1	
17 8184	25	5	26	29	II			19 1818	7	12	5	38	12	2	
17 12195	27	7	23	8	1			19 2219	9	14	7	24	13	3	
17 16206	28	9	22	2	2			19 2720	10	16	9	8	14	4	
17 21217	29	11	20	4	3			19 3121	11	18	10	49	15	5	
17 25228	30	13	22	5	4			19 3522	12	19	12	26	16	6	
17 29239	2	15	24	7	5			19 3923	14	21	14	9	17	7	
17 342410	3	17	28	9	7			19 4424	15	23	15	42	18	8	
17 382511	5	19	32	10	8			19 4825	16	25	17	14	20	9	
17 432612	6	21	36	12	9			19 5226	17	26	18	47	21	10	
17 472713	8	23	41	14	10			19 5627	19	28	20	18	22	10	
17 512814	9	25	46	15	11			20 02815	20	Y	21	47	23	11	
17 562916	10	27	52	17	12			20 52916	21	2	23	15	24	12	
18 03017	12	0	Y	0	13			20 93017	23	4	24	42	25	13	

*A Table of Houses for the Latitude of 45 degr. 0 min.*

Sol in Aquarii.							Sol in Pisces.						
Time from noon.	10	11	12	Ascend	2	3	Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	d. m.	d.	d.	b. m.	d.	d.	d.	d. m.	d.	d.
20 9 0	23	4	24	42	25	13	22 8 0	3	21	28	2	21	9
20 13 1	24	6	26	5	26	14	22 12 1	4	22	28	54	22	10
20 17 2	25	7	27	27	27	15	22 16 2	6	23	29	47	22	11
20 21 3	27	9	28	48	28	16	22 20 3	7	25	0	39	23	11
20 25 4	28	11	0	II	9	29	22 24 4	9	26	1	31	24	12
20 29 5	29	13	1	27	0	18	22 27 5	10	27	2	22	25	13
20 33 6	31	15	2	44	0	19	22 31 6	11	28	3	13	25	14
20 38 7	2	16	3	59	1	19	22 35 7	12	29	4	3	16	15
20 42 8	3	18	5	12	2	20	22 39 8	13	II	4	53	27	16
20 46 9	4	20	5	25	3	21	22 42 9	15	2	5	43	28	16
20 50 10	6	21	7	36	4	22	22 46 10	16	3	6	31	28	17
20 54 11	7	23	8	47	5	23	22 50 11	17	4	7	20	29	18
20 58 12	9	25	7	56	6	24	22 54 12	19	5	8	8	0	19
21 2 13	10	26	11	4	7	25	22 57 13	20	6	8	56	1	20
21 6 14	11	28	12	12	8	26	23 1 14	21	7	9	43	2	20
21 10 15	13	0	13	18	9	26	23 5 15	22	8	10	30	2	21
21 14 16	14	1	14	23	9	27	23 9 16	24	9	11	17	3	22
21 18 17	15	3	15	27	10	28	23 12 17	25	10	12	2	3	23
21 22 18	17	4	16	29	11	29	23 16 18	26	11	12	48	4	24
21 26 19	18	6	17	31	12	0	23 20 19	27	12	13	35	5	24
21 30 20	19	7	18	33	13	1	23 23 20	28	13	14	20	6	25
21 34 21	21	9	19	33	14	2	23 27 21	0	14	15	6	6	26
21 38 22	22	10	20	32	14	2	23 31 22	1	15	15	51	7	27
21 41 23	24	12	21	32	15	3	23 34 23	2	16	16	35	8	28
21 45 24	25	13	22	30	16	4	23 38 24	3	17	17	20	9	28
21 49 25	26	14	23	27	17	5	23 42 25	4	18	8	4	10	29
21 53 26	28	16	24	23	18	6	23 45 26	5	19	18	43	10	0
21 57 27	29	17	25	18	18	7	23 49 27	7	20	19	33	11	1
22 1 28	0	18	26	13	19	7	23 53 28	8	21	20	17	11	2
22 5 29	2	20	27	8	20	8	23 56 29	9	22	21	1	1	2
22 9 30	3	21	28	2	21	9	24 0 30	10	23	21	44	13	3

*A Table of Houses for the Latitude of 55. degr. 0 min.*

Sol in Aries.							Sol in Taurus.						
Time from noon.	10	11	12	Ascend	2	3	Time from noon.	10	11	12	Ascend	2	3
b. m.	d.	d.	d.	d. m.	d.	d.	b. m.	d.	d.	d.	d. m.	d.	d.
0 0 0	15	2	29	39	18	5	1 52 0	17	25	18	29	7	28
0 4 1	16	3	0	0	17	18	1 55 1	18	25	19	7	8	29
0 7 2	17	4	0	55	19	7	1 59 2	19	26	19	45	9	0
0 11 3	18	5	1	33	20	8	2 3 3	20	27	20	24	9	1
0 15 4	19	5	2	11	20	8	2 7 4	21	27	21	2	10	1
0 18 5	20	6	2	49	21	9	2 11 5	22	28	21	41	11	2
0 22 6	22	7	3	27	22	10	2 15 6	23	29	22	19	11	3
0 26 7	23	8	4	4	22	10	2 19 7	23	0	22	58	12	4
0 29 8	24	9	4	42	23	11	2 22 8	24	0	23	37	13	5
0 33 9	25	9	5	19	23	12	2 26 9	25	1	24	16	13	5
0 37 10	26	10	5	57	24	13	2 30 10	26	2	24	55	14	6
0 40 11	27	11	6	34	25	14	2 34 11	27	2	25	34	15	7
0 44 12	29	12	7	12	25	14	2 38 12	28	3	26	13	15	8
0 48 13	II	12	7	49	26	15	2 42 13	29	4	26	52	16	9
0 51 14	1	13	8	27	26	16	2 46 14	0	5	27	32	17	10
0 55 15	2	14	9	4	27	17	2 50 15	1	5	28	12	18	10
0 59 16	3	15	9	42	28	17	2 54 16	2	6	28	52	18	11
1 3 17	4	15	10	19	28	18	2 58 17	3	7	29	32	19	12
1 6 18	5	16	10	56	29	19	3 2 18	4	8	0	12	20	13
1 10 19	6	17	11	33	0	20	3 6 19	4	8	0	52	20	14
1 14 20	7	18	12	10	1	20	3 10 20	5	9	1	33	21	14
1 18 21	8	18	12	49	1	21	3 14 21	6	10	2	13	22	15
1 21 22	9	19	13	27	2	22	3 18 22	7	10	2	54	23	16
1 25 23	10	20	14	4	3	23	3 22 23	8	11	3	34	23	17
1 29 24	11	20	14	41	3	24	3 26 24	9	12	4	15	24	18
1 33 25	12	21	15	19	4	24	3 31 25	10	13	4	56	25	19
1 36 26	13	22	15	58	5	25	3 35 26	11	13	5	37	25	20
1 40 27	14	23	16	35	5	26	3 39 27	12	14	6	19	26	20
1 44 28	15	23	17	13	6	27	3 43 28	12	15	7	0	27	21
1 48 29	16	24	17	51	7	27	3 47 29	13	15	7	42	28	22
1 52 30	17	25	18	29	7	28	3 51 30	14	16	8	23	28	23

*A Table of Houses for the Latitude of 55. degr. 0 min.*

*Sol in Gemini.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	m.	d.	d.
3 51	0	14	16	8	23	28
3 55	1	15	17	9	5	29
4 0	2	16	18	9	47	25
4 4	3	17	18	10	29	1
4 8	4	18	19	11	11	1
4 12	5	19	20	11	53	2
4 16	6	20	21	12	36	3
4 21	7	20	21	13	18	4
4 25	8	21	22	14	1	m
4 29	9	22	23	14	44	5
4 33	10	23	24	15	27	6
4 38	11	24	24	16	10	7
4 42	12	25	25	16	53	7
4 46	13	26	26	17	36	8
4 51	14	27	27	18	19	9
4 55	15	28	27	19	2	10
4 59	16	29	28	19	46	10
5 3	17	29	29	20	29	11
5 8	18	Ω	♊	21	13	12
5 12	19	1	0	21	57	13
5 16	20	2	1	22	41	14
5 21	21	3	2	23	24	14
5 25	22	4	3	24	8	15
5 29	23	5	3	24	52	16
5 34	24	6	4	25	36	17
5 38	25	6	5	26	20	17
5 43	26	7	6	27	4	18
5 47	27	8	6	27	48	19
5 51	28	9	7	28	32	20
5 56	29	10	8	29	16	20
6 0	30	11	9	0	0	21

*Sol in Cancer.*

Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	m.	d.	d.
6 0	0	11	9	0	0	21
6 4	1	12	10	0	44	22
6 9	2	13	10	1	28	23
6 13	3	13	11	2	12	24
6 17	4	14	12	2	56	24
6 22	5	15	13	3	39	25
6 26	6	16	13	4	23	26
6 31	7	17	14	5	7	27
6 35	8	18	15	5	51	27
6 39	9	19	16	6	35	28
6 44	10	20	16	7	19	29
6 48	11	21	17	8	3	m
6 52	12	22	18	8	47	0
6 57	13	22	19	9	31	1
7 1	14	23	20	10	14	2
7 5	15	24	20	10	58	3
7 9	16	25	21	11	41	3
7 14	17	26	22	12	24	4
7 18	18	27	23	13	7	5
7 22	19	28	23	13	50	6
7 27	20	28	24	14	33	6
7 31	21	29	25	15	16	7
7 35	22	♊	26	15	59	8
7 39	23	1	26	16	42	9
7 44	24	2	27	17	24	9
7 48	25	3	28	18	7	10
7 52	26	4	29	18	49	11
7 56	27	4	29	19	31	12
8 0	28	5	2	20	13	12
8 5	29	6	0	20	55	13
8 9	30	7	1	21	37	14

*Sol in Leo.*

Time from Noon	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	m.	d.	d.
8 9	0	7	1	21	37	14
8 13	1	8	2	22	18	15
8 17	2	9	3	25	0	15
8 21	3	10	4	23	41	16
8 25	4	10	4	24	22	17
8 29	5	11	5	25	3	18
8 34	6	12	6	25	44	18
8 38	7	13	6	26	25	19
8 42	8	14	7	27	6	20
8 46	9	15	8	27	46	20
8 50	10	15	9	28	26	21
8 54	11	16	10	29	7	22
8 58	12	17	10	29	47	23
9 2	13	18	11	0	m	23
9 6	14	19	12	1	7	24
9 10	15	20	13	1	47	25
9 14	16	20	13	2	27	25
9 18	17	21	14	3	7	26
9 22	18	22	15	3	46	27
9 26	19	23	15	4	26	28
9 30	20	24	16	5	3	28
9 34	21	25	17	5	44	29
9 38	22	25	18	6	23	29
9 41	23	26	18	7	2	0
9 45	24	27	19	7	41	1
9 49	25	28	20	8	20	2
9 53	26	29	20	8	58	3
9 57	27	29	21	9	36	3
10 1	28	2	22	10	14	4
10 5	29	1	22	10	52	5
10 8	30	2	23	11	30	5

*Sol in Virgo.*

Time from Noon	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	m.	d.	d.
10 8	0	2	23	11	30	5
10 12	1	3	23	12	9	6
10 16	2	3	24	12	47	7
10 20	3	4	25	13	25	7
10 24	4	5	25	14	3	8
10 27	5	6	26	14	41	9
10 31	6	6	27	15	18	10
10 35	7	7	27	15	56	10
10 39	8	8	28	16	33	11
10 42	9	9	29	17	11	12
10 46	10	10	29	17	49	13
10 50	11	10	m	18	16	13
10 54	12	11	1	19	3	14
10 57	13	12	1	19	41	15
11 1	14	13	2	20	18	15
11 5	15	13	3	20	56	16
11 9	16	14	3	21	33	17
11 12	17	15	4	22	11	18
11 16	18	16	5	22	48	18
11 20	19	16	5	23	26	19
11 23	20	17	6	24	3	20
11 27	21	18	7	24	41	21
11 31	22	19	7	25	18	21
11 34	23	20	8	25	56	22
11 38	24	20	9	26	34	23
11 42	25	21	9	27	12	24
11 45	26	22	10	27	49	25
11 49	27	23	10	28	27	25
11 53	28	24	11	29	5	26
11 56	29	24	12	29	42	27
12 0	30	25	12	0	20	28

*A Table of Houses for the Latitude of 55 degr. 0 min.*

Sol in Libra.							Sol in Scorpio.						
Time from Noon.	10	11	12	Ascend	2	3	Time from noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	d. m.	d.	d.	h. m.	d.	d.	d.	d. m.	d.	d.
12 00	25	12	0	20	28	15	13 52	0	17	2	20	58	28
12 41	26	13	0	58	29	16	13 55	1	18	3	21	45	19
12 72	26	14	1	36	19	18	13 59	2	19	4	22	32	28
12 113	27	14	2	15	19	19	14 33	3	20	4	23	20	2
12 154	28	15	2	54	1	20	14 74	4	21	5	24	9	3
12 185	29	16	3	32	2	21	14 115	5	21	6	24	58	4
12 226	29	16	4	11	3	13	14 156	6	22	7	25	48	6
12 267	30	17	4	50	4	24	14 197	7	23	7	26	39	7
12 298	1	18	5	29	5	25	14 228	8	24	8	27	30	9
12 339	2	18	6	8	6	27	14 269	9	25	9	28	22	11
12 3710	2	19	6	48	6	8	14 30	10	25	9	29	15	12
12 4011	3	20	7	27	7	19	14 3411	11	26	10	30	9	14
12 4412	4	20	8	7	8	2	14 3812	12	27	11	1	5	15
12 4813	5	21	8	46	9	1	14 4213	13	28	12	2	18	17
12 5114	5	22	9	25	10	3	14 4614	14	29	12	2	58	18
12 5515	6	22	10	9	11	5	14 5015	15	29	13	3	55	20
12 5916	7	23	10	50	12	6	14 5416	16	30	14	4	53	21
13 317	8	24	11	3	13	8	14 5817	17	31	15	5	54	23
13 618	8	25	12	13	14	1	15 218	18	32	15	6	56	24
13 119	9	25	12	55	15	11	15 619	19	33	16	7	58	26
13 1420	10	26	13	37	16	12	15 1020	20	34	17	8	1	27
13 1821	11	27	14	20	17	14	15 1421	21	35	18	9	6	29
13 2122	11	27	15	2	18	15	15 1822	22	36	19	10	13	30
13 2523	12	28	15	45	19	17	15 2223	23	37	20	11	21	2
13 2924	13	29	16	28	20	18	15 2624	24	38	21	12	31	3
13 3325	14	29	17	12	21	20	15 3025	25	39	22	13	43	5
13 3626	14	30	17	56	22	21	15 3426	26	40	23	14	57	6
13 4027	15	30	18	41	23	23	15 3827	27	41	24	15	12	8
13 4428	16	31	19	26	24	24	15 4228	28	42	25	16	30	9
13 4829	17	32	20	12	25	25	15 4629	29	43	26	17	50	11
13 5230	17	32	20	58	26	27	15 5030	30	44	27	18	10	12

*A Table of Houses for the Latitude of 55 deg. 0 m in.*

Sol in Sagittary							Sol in Capricorn.						
Time from Noon.	10	11	12	Ascend	2	3	Time from Noon.	10	11	12	Ascend	2	3
h. m.	d.	d.	d.	d. m.	d.	d.	h. m.	d.	d.	d.	d. m.	d.	d.
15 510	12	26	21	10	25	12	18 00	0	11	1	0	0	29
15 551	13	27	22	35	27	13	18 41	1	12	3	3	7	20
16 02	14	28	24	1	15	15	18 92	2	13	4	6	14	21
16 43	15	29	25	31	2	16	18 133	3	14	6	9	21	22
16 84	16	30	27	2	5	17	18 174	4	15	8	12	27	23
16 125	16	31	28	37	7	19	18 225	5	17	9	15	27	24
16 166	17	32	29	18	10	20	18 266	6	18	11	18	25	25
16 217	18	33	30	2	12	21	18 317	7	19	13	24	22	26
16 258	19	34	31	46	15	23	18 358	8	20	15	24	12	27
16 299	20	35	32	36	17	24	18 399	9	21	17	26	58	28
16 3310	21	36	33	92	19	25	18 4410	10	22	19	29	39	29
16 3811	22	37	34	27	22	27	18 4811	11	23	21	28	18	30
16 4212	23	38	35	1	24	28	18 5212	12	25	23	4	52	31
16 4613	24	39	36	33	26	29	18 5713	13	26	25	7	22	32
16 5114	25	40	37	41	28	30	19 114	14	27	27	9	44	33
16 5515	26	41	38	58	30	31	19 515	15	28	29	12	2	34
16 5916	27	42	39	16	32	32	19 916	16	29	31	14	19	35
17 317	28	43	40	5	34	33	19 1317	17	30	33	16	27	36
17 818	29	44	41	6	35	34	19 1818	18	31	35	18	33	37
17 1219	30	45	42	40	36	35	19 2219	19	32	37	20	33	38
17 1620	31	46	43	19	37	36	19 2720	20	33	39	22	30	39
17 2121	32	47	44	2	38	37	19 3121	21	34	41	24	25	40
17 2522	33	48	45	47	39	38	19 3522	22	35	43	26	13	41
17 2923	34	49	46	36	40	39	19 3923	23	36	45	28	0	42
17 3424	35	50	47	11	41	40	19 4424	24	37	47	30	41	43
17 3825	36	51	48	14	42	41	19 4825	25	38	49	32	19	44
17 4326	37	52	49	17	43	42	19 5226	26	39	51	34	57	45
17 4727	38	53	50	20	44	43	19 5627	27	40	53	36	29	46
17 5128	39	54	51	23	45	44	20 0028	28	41	55	38	58	47
17 5629	40	55	52	26	46	45	20 529	29	42	57	40	24	48
18 030	41	56	53	29	47	46	20 930	30	43	59	42	49	49

*A Table of Houses for the Latitude of 55. degr. 0. min.*

Sol in Aquarii.							Sol in Pisces.						
Time from noon.	10	11	12	Ascend	2	3	Time from noon.	10	11	12	Ascend	2	3
b. m.	l.	d.	d.	m.	d.	d.	b. m.	l.	d.	d.	m.	d.	d.
20 9	3	18	6	8	49	4	22 8	0	3	2	9	1	28
20 13	1	15	3	10	8	5	22 12	1	5	3	9	47	28
20 17	2	21	0	11	29	6	22 16	2	6	5	10	33	29
20 21	3	22	13	12	41	7	22 20	3	8	6	11	19	30
20 25	4	24	15	14	0	8	22 24	4	10	7	12	4	1
20 29	5	25	18	15	16	9	22 27	5	11	9	12	46	1
20 34	6	27	20	16	29	9	22 31	6	12	10	13	32	2
20 38	7	28	22	17	38	10	22 35	7	14	11	14	15	3
20 42	8	X	14	18	47	11	22 39	8	16	12	14	58	3
20 46	9	1	26	19	54	12	22 42	9	17	13	15	41	4
20 50	10	3	28	20	59	13	22 46	10	18	14	16	24	5
20 54	11	4	30	22	3	14	22 50	11	20	15	17	16	5
20 58	12	6	2	23	5	14	22 54	12	21	16	17	48	6
21 2	13	7	4	24	6	15	22 57	13	22	17	18	29	7
21 6	14	9	6	25	7	16	23 1	14	24	18	19	11	7
21 10	15	10	8	26	6	17	23 5	15	26	19	19	52	8
21 14	16	12	10	27	4	18	23 9	16	27	20	20	33	9
21 18	17	1	12	28	1	18	23 12	17	28	21	21	13	9
21 22	18	15	14	28	56	19	23 16	18	29	22	21	52	10
21 26	19	16	15	29	51	20	23 20	19	30	23	22	32	11
21 30	20	18	17	0	45	21	23 23	20	1	24	23	11	11
21 34	21	20	19	1	38	21	23 27	21	2	25	23	50	12
21 38	22	21	20	2	30	22	23 31	22	4	25	24	30	13
21 41	23	23	22		22	23	23 34	23	6	26	25	10	13
21 45	24	25	23	4	12	23	23 38	24	7	27	25	49	14
21 49	25	26	25	5	12	24	23 42	25	8	28	26	28	14
21 53	26	28	26		51	25	23 45	26	10	29	27	6	15
21 57	27	29	28	6	39	26	23 49	27	11	30	27	45	16
22 1	28	V	29	7	27	26	23 53	28	12	1	28	33	16
22 5	29	2	30	8	14	27	23 56	29	14	1	29	1	17
22 8	30	3	31	9	1	28	24 0	30	15	2	29	39	18

*A Table of the Moons Latitude.*

M.D.	January		Februa.		March		April		May		June	
	Lat.	D	Lat.	D	Lat.	D	Lat.	D	Lat.	D	Lat.	D
	d	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
1	5		3	3	30	2	37	2	3	4	40	4
2	5	D	4	2	33	1	29	3	11	5	8	4
3	4		50	1	28	0	18	4	6	5	17	3
4	4		19	0	16	0	S 58	4	46	5	D 8	2
5	3		34	0	S 56	2	6	5	8	4	44	1
6	2		34	2	8	3	15	5	13	4	7	0
7	1		27	3	12	4	3	5	D 2	3	16	0
8	0		11	4	4	4	40	4	33	2	17	1
9	1	S	5	4	39	5	2	3	52	1	13	2
10	2		19	4	56	5	D 1	2	59	0	7	3
11	3		24	4	D 56	4	49	1	58	1	M 0	4
12	4		13	4	38	4	18	0	53	2	3	4
13	4		45	4	6	3	34	0	M 13	3	1	5
14	5		1	3	21	2	39	1	19	3	51	5
15	4	D	57	2	27	1	39	2	20	4	30	5
16	4		36	1	28	0	35	3	15	4	59	4
17	4		1	0	20	0	M 29	4	1	5	14	3
18	3		15	0	M 36	1	31	4	38	5	D 15	3
19	2		22	1	37	2	30	5	3	5	2	2
20	1		23	2	34	3	22	5	15	4	33	0
21	0		22	3	23	4	7	5	D 13	3	50	0
22	0	M	40	4	5	4	40	4	55	2	50	1
23	1		41	4	37	5	1	4	22	1	40	2
24	1		37	4	56	5	9	3	28	0	21	3
25	3		27	5	0	5	D 1	2	21	1	S 1	4
26	4		9	4	D 49	4	36	1	5	2	20	5
28	4		39	4	20	3	56	0	S 16	3	29	5
28	4	D	56	3	35	2	58	1	38	4	22	4
29	4		58			1	49	2	52	4	57	4
30	4		46			0	33	3	55	5	12	3
31	4		14			0	S 47		5	D 9		

A Table of the Moons Latitude.

M.D.	July		August		Sept.		October		Novem.		Decemb	
	Lat. D		Lat. D		Lat. D		Lat. D		Lat. D		Lat. D	
	S	D	M	A	M	A	M	D	M	D	S	A
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
1	2	31	1	34	4	35	5	10	3	30		4
2	1	32	2	30	4	56	4	54	1	57	1	21
3	0	29	3	20	5	D 4	+	21	0	43	2	35
4	0	M 34	4	2	4	59	3	34	0	S 37	3	39
5	1	36	4	33	4	38	2	36	1	55	4	29
6	2	34	4	52	4	3	1	26	3	64		58
7	3	24	4	59	3	13	0	10	4	65	D 8	
8	4	5	4	D 51	2	14	1	S 7	4	48	4	58
9	4	37	4	29	1	4	2	22	5	11	4	29
10	4	55	3	53	0	S 6	3	28	5	D 15	3	45
11	5	0	3	4	1	24	4	21	5	02		50
12	4	D 51	2	5	2	33	4	56	4	29	1	50
13	4	30	0	58	3	33	5	14	3	43	0	44
14	3	54	0	S 13	4	23	5	D 14	2	47	0	M 22
15	3	5	1	25	4	54	4	56	1	43	1	27
16	2	7	2	32	5	8	4	20	0	35	2	27
17	0	58	3	32	5	D 4	3	31	0	M 34	3	20
18	0	S 15	4	18	4	42	2	30	1	41	4	2
19	1	28	4	48	4	2	1	23	2	42	4	36
20	2	37	4	0	3	9	0	13	3	35	4	56
21	3	39	4	D 53	2	6	0	M 56	4	18	5	4
22	4	25	4	25	0	59	2	2	4	48	4	D 59
23	4	51	3	42	0	M 11	3	1	5	7	4	40
24	4	D 58	2	48	1	18	3	52	5	13	4	9
25	4	46	1	45	2	20	4	31	5	D 6	3	25
26	4	16	0	40	3	15	4	38	4	43	2	30
27	3	31	0	M 26	4	1	5	15	4	10	1	27
28	2	36	1	31	4	37	5	D 17	3	30	0	17
29	1	35	2	28	5	0	5	5	2	22	0	S 56
30	0	32	3	20	5	12	4	38	1	13	2	8
31	0	M 32	4	1			3	58		13		13

Post-script.

**M**Any having already written of Navigation very largely, I need not here treat thereof; but however, to initiate the young *Tyro*, I shall add three or four Propositions of plain Sailing.

*Prop. 1.* The latitude given, to find how many minutes or miles of the Equinoctial makes a degree of longitude in any parallel.

As the Radius is in proportion to 60; so is the sine complement of the latitude to the miles, answerable to a degree in the latitude desired.

Example.

I desire to know, how many miles in running East or West in the latitude of 51 degrees 40 minutes, will alter one degree of longitude,

As the Radius ————— 10000000  
to 60 minutes or miles ——— 1778151  
so is the Sine of latitude — 9792557

whose nearest arch is 37. — 1570708, which 37, is the number of miles answerable to a degree in the latitude desired.

*Prop. 2.* The course and distance given to find the difference of latitude  
As the Radius is to the miles run; so is the sine of the courses distance from East or West, to the minutes of the difference of latitude

Example.

Running West South West, which is 22 degrees 30 minutes from the West 75 leagues, or 225 miles, I demand the difference of latitude,

As the Radius  
to the miles run 225 ————— 2352183  
so is the courses sine 22 d. 30 m. — 9582840

whose nearest arch is 86 minutes — 1935023 which 86 minutes, is one degree 26 minutes, for the difference of latitude upon the said course and distance.

*Prop. 3.* The course and distance given to find the difference of longitude.

As the Radius is to the miles that you have run, so is the sine of the degree that your course is distance from North or South, to the miles that you are departed from your first Meridian.

Example.

Running North-west and by North, which is 33 degrees 45 minutes; from

### Post-script.

from the North 60 leagues, or 180 miles: I demand the difference of longitude.

As the Radius ————— 10000000  
to the miles run 180 ————— 2255273  
so is the sine of the course ————— 9744739

Whose nearest arch is 100. — 2000012, which 100 miles you are departed from the Meridian to the Westward; the which if you divide by the number of miles answerable to a degree of longitude, in the latitude where you then find your self to be, the quotient gives you the degree and minute of the difference of longitude.

*Prop. 4.* The distance and departure given to find the course.

As the miles of distance that you have run is to the Radius, so is the miles of your departure from the Meridian to the sine of your course from North or South.

### Example.

Being departed from the first Meridian 75 miles, in the running of 50 leagues or 150 miles; I demand upon what point I have sailed? it being betwixt South and West. Then say,

As the miles run 150 com. ar. log. ————— 7823908  
to the Radius ————— 10000000  
so the miles of departure from the first Merid. — 1875061  
to the sine of 30 degrees

9698069, which 30 degrees, is the distance from South towards West, that the course is, which is South-west, and by South, and Southerly.

*Prop. 5.* To find the time when the Sun will be due East or West.

As the tangent of the latitude, is to the Radius; so the tangent of the declination of the Cosine of the hour from the Meridian.

I should have added other things concerning the Tides, and many Astronomical Propositions; but being confined to my number of sheets, I wanted room to insert them; therefore I desire my Reader to take what I have done in good part, till I find an opportunity to do him further pleasure. *Vale.*

From Rye-cliff, over against the sign of the  
Greenland, between the two Gravel-  
Lanes.

September 29  
1658.

*A short Advertisement to the Young Sea-man, by way of advice to those Instruments that are most useful and necessary in the Art of Navigation, and shall refer him to those books that shew the use of them.*

**A**Nd first of all I shall advise him to be well skilled in Arithmetick, in whole & broken numbers, & in the square, and Cubick roots, and to that end I shall advise you to those books that are of most eminency to the attainment thereof, after mentioned.

And the next thing that followeth in course is Geometry, and the doctrine of Triangles, both plain and spherical, right and oblique; And for these I shall refer you to these books after mentioned.

And now for the next thing, that is, for the practical part of Navigation (that is to say) the manner of working of questions in Navigation by Instruments; and first of all I shall refer the young practitioner to one of the easiest and most plainest Instruments in Navigation, which is called the *Plain Scale*, which doth answer any question in Navigation & Astronomy, and the book that doth shew the use thereof, is called the *Marriners Plain scale new Plained*.

For there is lately an excellent Instrument put forth by Master Collins called the *Plain Scale new Plained*; I shall refer you to the Authors Book for the use of this Instrument called by the name of the Book.

I shall also commend unto you an Instrument called *Gunters scale*, that answereth any question in

Arithmetick, and Geometry, and the Doctrine of Triangles, and which is of excellent use in Navigation, being a most speedy and compendious way to answer any question in Navigation, onely by the extending of a pair of Compasses, as the nature of the question doth require; and there are many other Instruments of Master *Gunters* that are of eminent use in Navigation and Astronomy, as his Sector, and his Quadrant, his Staff, and his Bow, all these Instruments are treated of, in his book called *Gunters Works*, wherein he may instructed in the use of each of them.

And again he may be accommodated for his Variety of knowledge, with many other Instruments for Navigation, as the Quadrant, and Forestaff, and Backstaff, and the Plough, and the Bow, and the Astrolabe, all these are to finde the height of the Sun or Stars at Sea, and thereby to finde the Latitude, and I know not any book that shews the use of any of these Instruments but onely of one of them, and that is the *Quadrant*, and that is in a book called the Navigator written by Captain *Charles Soltonstall*.

Besides there are other Instruments very useful also, as the Sinical Quadrant, to work a Traverse at Sea, and the Horizontal Tide-table, for the shifting of the Tides in all places, and for Nocturnals, for the finding the hour of the Night by the Stars, and of these there are of two sorts, one of them hath a long time been in use to know the hour of the Night by the guards of the little and great Bear, but the other is called *Gunters Nocturnals*, that doth not onely shew the hour of the

the Night by the guards, but also by any Star in any of the five Constellations about the North Pole as the little and great Bears, and Duaro, and Cassiopea, and Cephus, and not onely the hour of the Night, but also the declination and right ascension of any of those Stars, and time of them, or any of them coming upon the Meridian every night in the year.

And again there are other Instruments that are necessary in Navigation, as Plats for all places both according to *Mercators Chart*, as also Cards and Skins and Waggoners.

And there also other Instruments used in Navigation and Astronomy, as the Azimuth, Compass, and the Semicircle, to finde the Azimuth and Amplitude of the Sun, and thereby to finde the variation of the Compass in all places.

All these Instruments before mentioned, you may be furnished withall at the first and second hand by *John Sellers* Compass-maker, at the Sign of the Mariners Compass and hour Glass, at the *Harmitage Stayers* in *Wapping*.

*Courteous Reader, I have thought good to guide thee to such Books of Art as are useful to make thee compleat in the Mathematical study: And first of Arithmetick.*

Arithmetick, is the Art of Numbering; those Books I commend to thee, are, *Records* Arithmetick, *Bakers* Arithmetick, *Johnsons* Arithmetick, *Jiggers*

*Taggess* Arithmetick, *Leybourns* Arithmetick, and *Websters* Arithmetick, which contains the Principles of Arithmetick, with helpfull observations, making the entrance easie, and the practise pleasant, teaching the five ordinary parts of Arithmetick the usuall way: The performance of Multiplication and Division, onely by Addition and Substraction, with new and notable Abridgments, with Rules of Practise, with extraordinary helps, and therein some excellent observations for the casting up of Interest. The Doctrine of Fractions, the four Rules of Arithmetick, Recreation extraordinary, or the easie performance of seeming impossibilities, sold by *Francis Cossinet*.

Next to Arithmetick, is to be studied Geometry, which is the Art of measuring: These Books are, *Practical Geometry*, by *Captain Tho. Rud*, *Euclids Elements of Geometry*, *Ramus Geometry*, *Spidells Geometry*.

Next to Geometry, is to be studied Trigonometry; which is the Art of measuring Triangles, with Tables of Logarithms of excellent use; those Books are, *Norwoods Triangles*, *Petistus Triangles*, *Gillibrands Logarithms*, *Newtons Trigonometry Britanica*.

Next to Trigonometry, is to be studied Navigation, which is an Art demonstrateth how by the shortest and good way, by the aptest direction and in the shortest time, a sufficient Ship between two places navigable assigned, may be conducted, and in all storms and naturall disturbances chancing.

How

How to use the best possible meanes, whereby to recover the place first assigned: these Books which will be good helps, are, *Gunters works*, *Norwoods works*, *Wrights Correction of Errors*, *Blagraves Mathematick Jewel*, *Phillips Navigation*, *Blundevells Exercise*, *Seamans Calender*, *Geometrical Sea-man*, *Sea-mans Grammar*, *Sea-mans Secrets*, the *Navigator*, the *Marriners Plain Scale new plained*, sold at the Anchor and Marri-ner in Tower-street, with many more Books of Navigation, and Instruments; as Compasses, Scales, Fore-staves, Back-staves, Quadrants, with Plats, Cards, Maps, Globes for all parts of the world Navigable.

Next to Navigation, is to be studied Astronomy, it is an Art Mathematicall, which demonstrateth the distance, magnitude, and all naturall motions, appearances and passions proper to the Planets, and fixed Stars, for any time past, present, and to come.

Books of Astronomy, are, *Wings Harmonicon Caeleste*, *Wings Astronomia Instaurata*, *Wings Ephemeris*, *Shakerlys Tables*, *Hartgills Tables*, by *Timothy* and *John Gadbury*, *Newtons Astronomy*.

Next to Astronomy is Astrology, it is an Art Mathematicall, which we may distinguish from Astronomy; not by new device, but by good old reason and authority. Astrology demonstrateth reasonably the operations and effects of Naturall beams of light, and secret influences of the Stars and Planes in every Element and Elementall body, at all times in any Horizon: This Art is furnished with many other great Arts and Experiences, or with perfect Perspective, Astro-

Astronomy, Cosmography, Naturall Philosophy: Books necessary to help thee, are, *M. Lillys Introduction to Astrology, Judgment of the Stars, Ramseys Astrology, Gadburys Doctrine of Nativities, Tutor to Astrology, The Astrologicall Institution*, with some more.

Books of Gunnery, are, *Smiths Gunnery, Neys Gunnery, Glass of Gunnery, Compleat Canoneer*.

Books of Dialling are many; but there is lately published by Mr. *Collins*, an excellent piece of Dialling, called *Geometricall Dialling, or Dialling by a line of chords onely, or by the plain Scale*.

By the same Author, is a Book published, called a *Sector on a Quadrant*, shewing the use of four severall Quadrants.

Books lately printed and sold at the Anchor and Marriner in Tower-street.

*Geometricall Dialling, or Dialling by a line of chords onely, or by the plain Scale, by John Collins.*

*The Marriners plain Scale new plained.*

*The young Sea-mans Guide, or Marriners Almanack.*

*Advice to a daughter, in opposition to the Advice to a son.*

*The Dutch-Tutor, teaching Dutch and English.*

FINIS.

